

PETREFACTA GERMANIAE

TAM EA

QUAE IN MUSEO UNIVERSITATIS REGIAE BORUSSICAE FRIDERICIAE WILHELMIAE RHENANAE

SERVANTUR

QUAM ALIA QUAECUNQUE IN MUSEIS HOENINGHUSIANO MUENSTERIANO ALIISQUE

EXTANT

ICONIBUS ET DESCRIPTIONIBUS ILLUSTRATA.

Repertorium

zu

Goldfuss' Petrefakten Deutschlands.

Ein

Verzeichniss aller Synonymen und literarischen Nachweise

zu den von

Goldfuss abgebildeten Arten,

von

Professor Dr. C. Giebel.

Leipzig,
List & Francke.
1866.



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Vorrede.

Goldfuss's Petrefaktenwerk ist wegen seiner ausgezeichneten, unübertroffenen Abbildungen noch immer das unentbehrliche Hauptwerk bei der systematischen Bestimmung der Arten für Sammlungen, unentbehrlich aber auch bei der Kritik und Feststellung der zahlreichen darin zuerst mit zoologischer Schärfe charakterisirten Arten. Die Herren Verleger erkannten mit richtigem Blick die Nothwendigkeit, die von ihnen besorgte neue Ausgabe durch Aufnahme der seitherigen überaus reichhaltigen paläontologischen Literatur den heutigen Anforderungen der Paläontologen und Geognosten anzupassen, und ich übernahm auf ihr Ersuchen bereitwillig die zeitraubende Ausführung dieser nützlichen Arbeit.

Wir waren sogleich darüber einig, dass ein blosses Repertorium der nachgoldfussischen Literatur den Ansprüchen an die neue Ausgabe genügen möchte. Eine kritische Bearbeitung der von Goldfuss abgebildeten Arten hätte ja die sorgfältigste Untersuchung nicht bloß der Original Exemplare, sondern auch eine eingehende Vergleichung des Materials aller als Synonyme herbeigezogenen Arten anderer Monographen erfordert und wäre die Lebensaufgabe eines rüstigen und tüchtigen Arbeiters gewesen. Für mich als Zoologen war die Durchführung einer solchen Arbeit weder möglich, noch erschien sie uns den Bedürfnissen der neuen Ausgabe angemessen. Die dieselbe zum Bestimmen ihrer Petrefakten benutzenden Geognosten fassen den systematischen Werth der Fossilreste ganz anders auf als der Zoologe, welcher deren Eigenthümlichkeiten nicht ohne stete Berücksichtigung der weichen Theile des ganzen Organisationsplanes der betreffenden Thiere deuten kann, also in sehr vielen Fällen eine der gegenwärtig herrschenden Richtung in der Paläontologie der niederen Thiere nicht befriedigende Auffassung geben würde. Ueberdies würde eine solche Bearbeitung bei den Riesenfortschritten der Paläontologie und Geognosie in den letzten Jahrzehnten von Goldfuss Arbeit nicht viel mehr als die Abbildungen wiederbringen, während doch die vortrefflichen Diagnosen für die Kritik der Arten ihren hohen Werth noch keineswegs verloren haben. Ich beschränkte mich also auf ein Repertorium, d. h. auf eine übersichtliche Zusammenstellung der Synonyme und literarischen Nachweise zu den von Goldfuss beschriebenen und abgebildeten Arten, in welcher Jeder bei der blossen Bestimmung der Arten für die Sammlung den seiner Auffassung entsprechenden Namen sofort findet, zugleich aber auch der auf eine sorgfältige Untersuchung eingehende Monograph die irgend beachtenswerthen literarischen Quellen übersichtlich und bequem nachgewiesen erhält.

Diesem Zwecke gemäß mussten selbstverständlich alle nutzlosen Citate von blossen Verzeichnissen, Handbüchern, werthlosen Compilationen, welche seit einiger Zeit in wahrhaft lächerlicher Weise die Monographien füllen, ganz wegfallen, denn Niemand sucht und findet in denselben Auskunft, wohl aber stören sie die Uebersichtlichkeit der Synonyme und Citate in empfindlicher Weise. Ja es erschien auch völlig werthlos und überflüssig, die leichtfertigen und oberflächlichen Diagnosen, die unzuverlässigen und ungenügenden Abbildungen zu citiren, welche weit unter Goldfuss' Darstellung stehend, keine Belehrung, keinen neuen Aufschluss über dessen Arten bringen und an denen leider die neuere paläontologische Literatur

sehr reich ist. — Wenn man dennoch des hochverdienten d'Orbigny räthsellhaft leichtfertigen Prodrôme de Paléontologie stratigraphique und einige andere auf gleichem Standpunkte sich bewegende Arbeiten citirt findet, so betreffen solche Citate Artnamen, welche bereits in die Literatur aufgenommen worden sind; mit den noch nicht von Andern berücksichtigten Namen glaubte ich Goldfuss's klassisches Werk verschonen zu müssen. Aus demselben Grunde liess ich alle unreife, auf augenscheinlich flüchtige Beobachtungen gestützte Kritik unbeachtet und Herr v. Seebach z. B. wird es mir gewiss nicht übel nehmen, wenn ich seine Beobachtung von feinen Streifen an den Schlosszähnen eines meiner Lieskauer Neoschizodus-Exemplare nicht citirte, da diese Streifen nur die durch das Reinigen der Schlosszähne entstandenen Striche einer Nadelspitze sind. — Ein Repertorium stellt die Synonymik nur zusammen, wie sie der augenblickliche Stand der Kritik giebt, und kann die Richtigkeit derselben nicht verantworten, die kritische Begründung ist vielmehr Aufgabe der monographischen Untersuchung. Man wird daher einzelne Synonyme an zwei verschiedenen Stellen aufgeführt finden, andere bei eingehender Prüfung und je nach der individuellen Auffassung der Art- und Gattungsbegriffe versetzen müssen. Ein besonderes Verzeichniss der citirten Autoren und Schriften schien mir überflüssig, da die Citate so gehalten sind, dass deren Abkürzungen Zweifel nicht wohl aufkommen lassen. Dagegen war ein alphabetisches Register der aufgenommenen Artnamen nothwendig, um dieselben sofort unter den Goldfussischen Abbildungen aufsuchen zu können. Sich selbst erklärende Synonyme wie die auf *ites* endigenden und die ganz geläufigen wie *Trigonia* und *Lyrodon* u. dergl. sind nicht besonders aufgeführt worden. Da ferner die neue Quartausgabe des Textes anders paginirt ist, als die ältere Folioausgabe, so habe ich überall hinter den Goldfussischen Namen in der ersten Columne die Seitenzahlen Beider citirt und damit dieses Repertorium auch für die Besitzer der Folioausgabe gleich bequem gemacht.

Ich übergebe dieses Repertorium den Paläontologen und Geognosten mit der Bitte um freundliche Nachsicht, wenn mir bei der überaus umfangreichen und sehr zerstreuten Literatur der eine oder andere beachtenswerthe Nachweis entgangen sein sollte, und mit dem Wunsche, dass es allen Besitzern des Goldfuss'schen Werkes dessen Benutzung erleichtern möge.

Halle, im Mai 1866.

C. Giebel.

Tafel 1.

Achilleum Schweigg.

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|-----------------------------------|------------------|-------------------------------------------------------------|
| 1. Achilleum glomeratum Gf. (1) 1 | Fig. 1. | Reuss, Versteiner. böhm. Kreidegb. II. 79. Taf. 20. Fig. 9. |
| 2. — dubium Gf. (1) 1 | Fig. 2. | Achilleum deforme Roemer, Versteiner. nordd. Kreidegb. 2. |
| 3. — fungiforme Gf. (1) 1 | Fig. 3. | — ? Fucus. |
| 4. — cheirotomum Gf. (1) 1 | Taf. 29. Fig. 5. | |
| 5. — morchella Gf. (2) 2 | Taf. 29. Fig. 6. | Reuss, Versteiner. böhm. Kreidegb. II. 79. |

Manon Schweigg.

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| 1. Manon capitatum Gf. (2) 2 | Fig. 4. | |
| 2. — tubuliferum Gf. (2) 2 | Fig. 5. | |
| 3. — pulvinarium Gf. (2) 2 | Fig. 6. | Cf. Taf. 29. Fig. 7. |
| 4. — peziza Gf. (3) 3 | Fig. 7. 8. | Spongia peziza Michelin, Iconogr. zoophyt. 143. Taf. 36. Fig. 5. |
| | Taf. 5. Fig. 1. Taf. 29. Fig. 8. | Tragos acutimargo Roemer, Versteiner. nordd. Oolithgb. Nachtrag 10. Taf. 17. Fig. 26. |
| 5. — stellatum Gf. (3) 3 | Fig. 9. | |
| 6. — cribrosum Gf. (3) 3 | Fig. 10. | Spongites reticulatus Quenstedt, Jura 694. Taf. 84. Fig. 2. 3. |
| 7. — favosum Gf. (4) 4 | Fig. 11. | — <i>Michelinia favosa</i> de Koninck, Anim. foss. carbon. Belgique 30. Tb. C. Fig. 2. — M. Edwards, brit. foss. Corals III. 154. Taf. 44. Fig. 2. |
| | | Columnaria senilis de Koninck, Anim. foss. carbon. Belgique 25. Taf. B. Fig. 9. |
| | | Favastraca manon Blainville, Manuel Actinol. 375. |

Tafel 2.

Scyphia Schweigg.

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| 1. Scyphia mammillaris Gf. (4) 4 | Fig. 1. | Scyphia infundibuliformis cf. Taf. 5. Fig. 2. |
| 2. — tetragona Gf. (4) 4 | Fig. 2. | Scyphia infundibuliformis cf. Taf. 5. Fig. 2. |
| 3. — cylindrica Gf. (5) 4 | Fig. 3. | |
| | Taf. 3. Fig. 12. | |
| 4. — conoidea Gf. (5) 5 | Fig. 4. | Parendeia conoidea Etallon, Etudes pal. Haute Jura 143. |
| | | Hippalimus conoidea d'Orbigny, Pal. stratigr. I. 390. |
| 5. — elegans Gf. (5) 5 | Fig. 5. | Scyphia Bronni Quenstedt, Jura 697. Taf. 84. Fig. 20. |
| | | Siphonocoelia elegans Fromentel, Introd. Epong. foss. 31. |
| | | Hippalimus elegans d'Orbigny, Pal. stratigr. I. 390. |
| | | Parendeia cornuta Thurmann u. Etallon, neue schweiz. Denkschriften XX. 421. Taf. 58. Fig. 31. |

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| 6. <i>Scyphia furcata</i> Gf. (5) 5 | Fig. 6. | Reuss, Versteiner böhm. Kreidegb. II. 74.
<i>Scyphia subfurcata. clavata, romosa</i> Roemer, Nachtrag Verst. Oolithgb. 10.
Taf. 17. Fig. 24. 27. 28.
<i>Spongia furcata</i> Michelin, Iconogr. zoophytol. 114. Taf. 26. Fig. 3. |
| 7. — <i>calopora</i> Gf. (5) 5 | Fig. 7. | |
| 8. — <i>pertusa</i> Gf. (6) 6 | Fig. 8. | — <i>Scyphia obliqua</i> Taf. 3. Fig. 5. |
| 9. — <i>texturata</i> Gf. (6) 6 | Fig. 9. | <i>Spongites texturatus</i> Quenstedt, Jura 683. Taf. 83. Fig. 7.
<i>Scyphia parallela</i> Taf. 3. Fig. 3. |
| 10. — <i>costata</i> Gf. (6) 6 | Fig. 10. | <i>Spongites lamellosus</i> Quenstedt, Jura 685. Taf. 83. Fig. 2.
<i>Cnemiseudea costata</i> Fromentel, Introd. Epong. foss. 29. |
| 11. — <i>verrucosa</i> Gf. (7) 6 | Fig. 11. | <i>Verrucocoelia verrucosa</i> Etallon. |
| 12. — <i>texata</i> Gf. (7) 7 | Fig. 12. | <i>Cribrocoelia texata</i> Etallon. |
| 13. — <i>turbinata</i> Gf. (7) 7 | Fig. 13. | — <i>Scyphia elegans</i> cf. Nr. 5. |
| 14. — <i>cariosa</i> Gf. (7) 7 | Fig. 14. | |
| 15. — <i>fenestrata</i> Gf. (7) 7 | Fig. 15. | <i>Spongites reticulatus</i> Quenstedt, Jura 694. Taf. 84. Fig. 2. 3. |
| 16. — <i>polyommata</i> Gf. (8) 7 | Fig. 16. | <i>Cribroscyphia polyommata</i> Fromentel, Introd. Epong. Foss. 33.
<i>Cribrosporgia polyommata</i> d'Orbigny, Pal. stratigr. I. 337. |

Tafel 3.

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| 17. <i>Scyphia clathrata</i> Gf. (8) 8 | Fig. 1. | — <i>Scyphia obliqua</i> cf. Nr. 21.
<i>Spongites clathratus</i> Quenstedt, Jura 684. Taf. 83. Fig. 3. |
| 18. — <i>milleporata</i> Gf. (8) 8 | Fig. 2. | Quenstedt, Jura 683. Taf. 82. Fig. 14. |
| 19. — <i>parallela</i> Gf. (8) 8 | Fig. 3. | — <i>Scyphia texturata</i> cf. Taf. 2. Fig. 9. |
| 20. — <i>psilopora</i> Gf. (9) 8 | Fig. 4. | <i>Spongites reticulatus</i> Quenstedt, Jura 694. Taf. 84. Fig. 2. 3. |
| 21. — <i>obliqua</i> Gf. (9) 8 | Fig. 5. | Quenstedt, Jura 668. Taf. 81. Fig. 87.
<i>Cribrocoelia obliqua</i> Etallon.
<i>Scyphia pertusa</i> cf. Taf. 2. Fig. 8. |
| 22. — <i>rugosa</i> Gf. (9) 9 | Fig. 6. | <i>Scyphia articulata</i> cf. Nr. 24. |
| 23. — <i>tenuistria</i> Gf. (9) 9 | Fig. 7. | |
| 24. — <i>articulata</i> Gf. (9) 9 | Fig. 8. | <i>Spongites articulatus</i> Quenstedt, Jura 680. Taf. 82. Fig. 9. |
| | Taf. 9. Fig. 9. | |
| 25. — <i>piriformis</i> Gf. (10) 10 | Fig. 9. | |
| 26. — <i>punctata</i> Gf. (10) 10 | Fig. 10. | Quenstedt, Jura 677. Taf. 81. Fig. 79. |
| 27. — <i>radiciformis</i> Gf. (10) 10 | Fig. 11. | — <i>Scyphia cylindrica</i> Taf. 2. Fig. 3.
Quenstedt, Jura 681. Taf. 82. Fig. 12. |
| — <i>cylindrica</i> Gf. (10) 10 | Fig. 12. | Cf. Taf. 2. Fig. 3. |

Tafel 4.

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| 28. <i>Scyphia reticulata</i> Gf. (11) 10 | Fig. 1. | <i>Cribrocoelia reticulata</i> Etallon. |
| 29. — <i>dictyota</i> Gf. (11) 11 | Fig. 2. | |
| 30. — <i>procumbens</i> Gf. (11) 11 | Fig. 3. | |

Tafel 5.

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| Manon <i>peziza</i> Gf. (11) 11 | Fig. 1. | <i>Spongia peziza</i> Sharpe. Quart. journ. geol. London 1854. X. 189. — Cf.
Taf. 1. Fig. 7. |
| 31. <i>Scyphia infundibuliformis</i> Gf. (12) 11 | Fig. 2. | <i>Scyphia excavata</i> Roemer, Versteiner. nordd. Oolithgeb. 11. Taf. 17. Fig. 25. 30. |

Tragos Schweigg.

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| 1. Tragos deforme Gf. (12) 12 | Fig. 3. | |
| 2. — rugosum Gf. (12) 12 | Fig. 4. | |
| 3. — pisiforme Gf. (12) 12 | Fig. 5. | — <i>Cnemidium pisiforme</i> Michelin, Iconogr. zoophytol. 114. Tb. 26. Fig. 6. |
| | Taf. 30. Fig. 1. | |
| 4. — capitatum Gf. (13) 12 | Fig. 6. | — <i>Stromatopora concentrica</i> cf. Taf. 8. Fig. 5.
Stromatopora capitata d'Orbigny, Pal. stratigr. I. 109.
Stromatofungia capitata Fromentel, Introd. Epong. foss. 49. |
| 5. — hippocastanum Gf. (13) 13 | Fig. 7. | |
| 6. — pezizoides Gf. (13) 13 | Fig. 8. | — <i>Tragos patella</i> cf. Nr. 8. |
| 7. — acetabulum Gf. (13) 13 | Fig. 9. | Bronn, Lethaea geogn. IV. 77. Taf. 16. Fig. 2. — Quenstedt, Jura 679. Taf. 82.
Fig. 1. |
| | Taf. 35. Fig. 1. | Chenendopora acetabulum Blainville, Diction. sc. nat. LX. 506.
Cupulospongia acetabulum, Porospongia acetabulum d'Orbigny, Pal. stratigr. 390. 391. |
| 8. — patella Gf. (14) 13 | Fig. 10. | Bronn, Lethaea geogn. IV. 78. Taf. 16. Fig. 3. — Quenstedt, Jura 677. |
| | Taf. 35. Fig. 2. | Chenendopora patella Blainville, Diction. sc. nat. LX. 506.
Cupulospongia patella d'Orbigny, Pal. stratigr. II. 391. |
| 9. — sphaeroides Gf. (14) 13 | Fig. 11. | |
| 10. — stellatum Gf. (14) 14 | Taf. 30. Fig. 2. | Cf. unten. |

Tafel 6.

Cnemidium Gf.

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| 1. Cnemidium lamellosum Gf. (15) 14 | Fig. 1. | |
| 2. — stellatum Gf. (15) 14 | Fig. 2. | Cnemidium Goldfussi Quenstedt, Jura 675. Fig. Seite 672. |
| | Taf. 30. Fig. 3. | Quenstedt, Jura 676. c. Fig. |
| 3. — striato-punctatum Gf. (15) 14 | Fig. 3. | |
| 4. — rimulosum Gf. (15) 15 | Fig. 4. | Bronn, Lethaea geogn. IV. 81. Taf. 16. Fig. 4. — Quenstedt, Jura 67
Taf. 82. Fig. 2.
Cnemidium granulosum Taf. 35. Fig. 7.
Tragos radiatum Taf. 35. Fig. 3.
Cupulospongia rimulosum. Chenendopora radiata d'Orbigny, Pal. stratigr. I. 391 |
| 5. — mammillare Gf. (15) 15 | Fig. 5. | ? Cnemidium rotula cf. Nr. 6. |
| 6. — rotula Gf. (16) 15 | Fig. 6. | Spongites rotula Quenstedt, Jura 667. Taf. 81. Fig. 81–84. |
| 7. — tuberosum Gf. (16) 15 | Taf. 30. Fig. 4. | — Tragos. |

Siphonia Park.

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| 1. Siphonia piriformis Gf. (16) 16 | Fig. 7. | Reuss, Verstein. böhm. Kreidegeb. II. 72.
Choanites piriformis Passy, Geol. Seine infér. 339. Tb. 16. Fig. 9. |
| 2. — excavata Gf. (17) 16 | Fig. 8. | — <i>Siphonia praemorsa</i> Nr. 3. |
| 3. — praemorsa Gf. (17) 16 | Fig. 9. | — <i>Astylospongia praemorsa</i> F. Roemer, foss. Fauna silur. Diluvialge-
schiebe 10. Taf. 2. Fig. 6.
Bronn, Lethaea geogn. II. 154. Taf. 27. Fig. 21.
Siphonia stipitata Hisinger, Lethaea suecica 94. Tb. 26. Fig. 8.
Jerea excavata d'Orbigny, Pal. stratigr. II. 286.
Siphonia excavata cf. Fig. 8. |

4. *Siphonia pistillum* Gf. (17) 17 Fig. 10.
 5. — *incrassata* Gf. (17) 17 Taf. 30. Fig. 5. Cf. unten.
 6. — *cervicornis* Gf. (18) 17 Fig. 11. Reuss, Versteiner. böhm. Kreidegeb. II. 73. Taf. 16. Fig. 15. Taf. 17. Fig. 2.
 Taf. 35. Fig. 11.

Myrmecium Gf.

1. *Myrmecium hemisphaericum* Gf. (18) 17 Fig. 12. Bronn, Lethaea geogn. IV. 82. Taf. 16 Fig. 6.
 Limnorea hemisphaerica d'Orbigny, Pal. stratigr. I. 390.
 ? *Cnemidium rotula* cf. Fig. 6. teste Quenstedt, Jura 667.
Epithes hemisphaerica Fromentel, Introd. Epong. foss. 35.

*Tafel 7.***Gorgonia** Lamck.

1. *Gorgonia dubia* Gf. (18) 18 Fig. 1 a. b. c. — *Thamniscus dubius* King, permian Fossils 44. Tb. 5. Fig. 7—12.
 2. — *ripisteria* Gf. (19) 18 Fig. 2. — *Polypora ripisteria* F. Roemer, rheinisch-westphäl. Verhandl. 1850. VII. 78.
 3. — *bacillaris* Gf. (19) 18 Fig. 3—16.
 4. — *infundibuliformis* Gf. (20) 19 Taf. 10. Fig. 1. Cf. unten.

Isis L.

5. *Isis melitensis* Gf. (20) 19 Fig. 17. Reuss, Haidinger's naturwiss. Abhandlgn. II. 31. Taf. 5. Fig. 5. — Milne Edwards, Hist. nat. Coralliaires I. 196.
Isis Scillana DeFrance, Diction. sc. nat. XXIV. 12. — Bronn, Lethaea geogn. VI. 280. Taf. 35. Fig. 23.
Isisina melitensis d'Orbigny, Pal. stratigr. III. 151.

*Tafel 8.***Nullipora** Lamck.

1. *Nullipora palmata* Gf. (20) 20 Fig. 1.
 2. — *racemosa* Gf. (21) 20 Fig. 2.

Millepora Lamck.

1. *Millepora compressa* Gf. (21) 20 Fig. 3. Giebel, Zeitung f. Zool. Zootom. Pal. 1848. 10.
 2. — *madreporacea* Gf. (21) 20 Fig. 4. Giebel, Zeitung f. Zool. Zootom. Pal. 1848. 10.

Stromatopora Gf.

1. *Stromatopora concentrica* Gf. (22) 21 Fig. 5. — Sandberger, Versteiner. rhein. Schichtsys. Nassau 380. Taf. 37. Fig. 9.
 — Lonsdale, Murchison Silur. System 680. Tb. 15. Fig. 31.
Stromatopora polymorpha Taf. 64. Fig. 8. — Bronn, Lethaea geogn. II. 167.
 Taf. 5. Fig. 12.
Tragos capitatum Taf. 10. Fig. 6.
Stromatopora capitata, Goldfussi, sulcata. *Sparsispongia polymorpha*,
radiosa, *ramosa* d'Orbigny, Pal. stratigr. I. 109.

Madrepora Lamck.

1. *Madrepora coalescens* Gf. (22) 21 Fig. 6. — *Stylina coalescens* Milne Edwards, Hist. nat. Coralliaires II. 246.
Dentipora coalescens Blainville, Diction. sc. nat. LX. 348.
Dendrohelix coalescens Thurmann u. Etallon, neue schweiz. Denkschriften XX. 358. Taf. 50. Fig. 4.
Madrepora sublaevis Michelin, Iconogr. zoophytol. Tb. 25. Fig. 5.
Psammohelia gibbosa, aspera, dendroidea Fromentel, Introd. Polyp. foss. 177.
2. — *limbata* Gf. (22) 21 Fig. 7. — *Stylina limbata* M. Edwards, Polyp. palaeoz. 59; Hist. nat. Coralliaires II. 238.
Taf. 38. Fig. 7. Branchastraea limbata Blainville, Diction. sc. nat. LX. 347.
Cryptocoenia limbata d'Orbigny, Pal. stratigr. I. 385.
Quenstedt. Jura 701. Taf. 85. Fig. 1.
3. — *cariosa* Gf. (22) 22 Fig. 8. — *Madrepora Solanderi* DeFrance, Dict. sc. nat. XXVIII. 8. — Milne Edwards, Hist. nat. Coralliaires III. 162.
Astraea Solanderi Quenstedt, Handbuch Petrefk. 645. Taf. 57. Fig. 12.
4. — *palmata* Gf. (23) 22 Taf. 30. Fig. 6. — *Astrohelix palmata* Milne Edwards, Hist. nat. Coralliaires II. 111. — Cf. unten.
5. — *glabra* Gf. (23) 22 Taf. 30. Fig. 7. — *Pocilopora madreporacea* Milne Edwards, Hist. nat. Coralliaires III. 308. — Cf. unten.

Eschara Lamck.

1. *Eschara cyclostoma* Gf. (23) 22 Fig. 9. v. Hagenow, Bryozoen Maastricht 75. Taf. 9. Fig. 7. Taf. 12. Fig. 3.
2. — *piriformis* Gf. (24) 23 Fig. 10. v. Hagenow, Bryozoen Maastricht 75. Taf. 9. Fig. 6. Taf. 11. Fig. 6. — Giebel, Zeitg. f. Zool. Zootom. Pal. 1848. 19.
Eschara costata M. Edwards, Ann. sc. nat. 1836. VI. 338. Tb. 12. Fig. 14.
3. — *stigmatophora* Gf. (24) 23 Fig. 11. v. Hagenow, Bryozoen Maastricht 73. Taf. 9. Fig. 1. — Giebel, Zeitg. f. Zool. Zootom. Pal. 1848. 20.
4. — *sexangularis* Gf. (24) 23 Fig. 12. v. Hagenow, Bryozoen Maastricht 81. Taf. 10. Fig. 3. 4. 5. — Giebel, Zeitg. f. Zool. Zootom. Pal. 1848. 19.
Eschara dubia M. Edwards, Ann. sc. nat. 2 ser. VI. 340. Tb. 12. Fig. 17.
Discopora reticulata Roemer, Versteiner. nordd. Kreidegeb. 12. Taf. 5. Fig. 1.
5. — *cancellata* Gf. (24) 23 Fig. 13. v. Hagenow, Bryozoen Maastricht 71. Taf. 8. Fig. 14. 15.
6. — *arachnoidea* Gf. (24) 23 Fig. 14. v. Hagenow, Bryozoen Maastricht 70. Taf. 8. Fig. 13.
7. — *dichotoma* Gf. (25) 24 Fig. 15. v. Hagenow, Bryozoen Maastricht 79. Taf. 9. Fig. 18. 19.
8. — *striata* Gf. (25) 24 Fig. 16. v. Hagenow, Bryozoen Maastricht 68. Taf. 8. Fig. 6. 7. Taf. 12. Fig. 13.
9. — *filograna* Gf. (25) 24 Fig. 17. v. Hagenow, Bryozoen Maastricht 65. Taf. 7. Fig. 12. 13.
10. — *disticha* Gf. (25) 24 Taf. 30. Fig. 8. — Cf. unten.

Tafel 9.**Cellepora L.**

1. *Cellepora ornata* Gf. (26) 24 Fig. 1. v. Hagenow, Bryozoen Maastricht 98. Taf. 10. Fig. 16.
Discopora ornata M. Edwards, Lamarck Anim. s. vert. II. 253.
2. — *urceolaris* Gf. (26) 25 Fig. 2. — *Lepralia urceolaris* Reuss, Wiener Sitzungsberichte L. 21. Taf. 12. Fig. 8.
3. — *hippocrepis* Gf. (26) 25 Fig. 3. Reuss, Haidingers naturwiss. Abhandlungen II. 94. Taf. 11. Fig. 14. —
v. Hagenow, Bryozoen Maastricht 91. Taf. 11. Fig. 17.
Discopora hippocrepis M. Edwards in Lamarck, Anim. s. vert. II. 252.
4. — *velamen* Gf. (26) 25 Fig. 4. v. Hagenow, Bryozoen Maastricht 97. Taf. 12. Fig. 1.
Marginaria velamen Reuss, Versteiner. böhm. Kreidegeb. II. 69. Taf. 15. Fig. 15.
Discopora velamen M. Edwards in Lamarck Anim. s. vert. II. 253.
5. — *dentata* Gf. (27) 25 Fig. 5. v. Hagenow, Bryozoen Maastricht 99. Taf. 10. Fig. 18.
Membranipora dentata Blainville, Manuel Actinol. 447.
Discopora dentata M. Edwards, Lamarck Anim. s. vert. II. 253.

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| 6. <i>Cellepora crustulenta</i> Gf. (27) 25 | Fig. 6. | v. Hagenow, Bryozoen Maastricht 97. Taf. 11. Fig. 19.
<i>Eschara crustulenta</i> Blainville, Manuel Actinol. 429.
<i>Discopora crustulenta</i> M. Edwards in Lamarek, Anim. s. vert. II. 252. |
| 7. — <i>bipunctata</i> Gf. (27) 26 | Fig. 7. | — <i>Eschara bipunctata</i> v. Hagenow, Bryozoen Maastricht 76. Taf. 9. Fig. 9.
<i>Marginaria elliptica</i> Reuss, Versteiner. böhm. Kreidegeb. II. 68. Taf. 15. Fig. 17. 18.
<i>Membranipora bipunctata</i> Blainville, Manuel Actinol. 447.
<i>Discopora bipunctata</i> Lamarek, Anim. s. vert. II. 253.
<i>Marginaria bipunctata</i> Roemer, Versteiner. nordd. Kreidegeb. 13. |
| 8. — <i>antiqua</i> Gf. (27) 26 | Fig. 8. | — <i>Discopora antiqua</i> Lonsdale, Murchison Silur. System 679. Tb. 15. Fig. 21.
<i>Membranipora antiqua</i> Blainville, Manuel Actinol. 447. |
| <i>Scyphia articulata</i> Gf. 26 | Fig. 9. | Cf. Taf. 3. Fig. 8. |
| 9. — <i>orbiculata</i> Gf. (28) 26 | Taf. 12. Fig. 2. | <i>Berenicea orbiculata</i> Haime, Mém. soc. géol. France 1854. V. 180. — Cf. unten. |
| 10. — <i>escharoides</i> Gf. (28) 26 | Taf. 12. Fig. 3. | Cf. unten. |

Retepora L.

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| 1. <i>Retepora antiqua</i> Gf. (28) 27 | Fig. 10. | — <i>Fenestella antiqua</i> Graf Keyserling, Reise in das Petschoraland 186. Taf. 3. Fig. 9. — Lonsdale, Transact. geol. Soc. 1840. V. Tb. 58. Fig. 10.
Geinitz, Versteiner. Grauwackform. II. 81. Taf. 18. Fig. 5. |
| 2. — <i>cyathiformis</i> Gf. (28) 27 | Fig. 11. | |
| 3. — <i>clathrata</i> Gf. (29) 27 | Fig. 12 e. f. | — <i>Idmonea geniculata</i> v. Hagenow, Bryozoen Maastricht 33. Taf. 3. Fig. 5. |
| | Fig. 12 b. | — <i>Idmonea verriculata</i> v. Hagenow, Bryozoen Maastricht 28. Taf. 2. Fig. 5. |
| | Fig. 12 c. d. | — <i>Idmonea clathrata</i> v. Hagenow, Bryozoen Maastricht 27. Taf. 2. Fig. 2. |
| 4. — <i>lichenoides</i> Gf. (29) 27 | Fig. 13 a. b. | — <i>Idmonea lichenoides</i> v. Hagenow, Bryozoen Maastricht 27. Taf. 2. Fig. 6. |
| 5. — <i>truncata</i> Gf. (29) 28 | Fig. 14. | — <i>Truncatula truncata</i> v. Hagenow, Bryozoen Maastricht 35. Taf. 3. Fig. 2.
<i>Idmonea truncata</i> Blainville, Manuel Actinol. 420. |
| 6. — <i>disticha</i> Gf. (29) 28 | Fig. 15 c. d. i. k. | — <i>Idmonea disticha</i> Reuss, Haidingers naturwissenschaft. Abhandlgn. II. 45. Taf. 6. Fig. 29. 31. — v. Hagenow, Bryozoen Maastricht 30. Taf. 2. Fig. 8. |
| | Fig. 15 a. b. | — <i>Idmonea pseudodisticha</i> v. Hagenow, Bryozoen Maastricht 31. Taf. 2. Fig. 9. |
| | Fig. 15 g. h. | — <i>Idmonea dorsata</i> v. Hagenow, Bryozoen Maastricht 31. Taf. 2. Fig. 10. |
| | Fig. 15 e. f. | — <i>Idmonea lineata</i> v. Hagenow, Bryozoen Maastricht 33. Taf. 2. Fig. 13. |
| 7. — <i>fenestrata</i> Gf. (30) 28 | Taf. 30. Fig. 9. | |

Coscinopora Gf.

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| 1. <i>Coscinopora infundibuliformis</i> Gf. (30) 29 | Fig. 16. | <i>Scyphia coscinopora</i> Roemer, Versteiner. nordd. Kreidegeb. 9. |
| 2. — <i>macropora</i> Gf. (31) 29 | Fig. 17. | |
| 3. — <i>placenta</i> Gf. (31) 29 | Fig. 18. | — <i>Heliolites placenta</i> M. Edwards, Polyp. palaeoz. 219; Hist. nat. Corallaires III. 237.
<i>Geoporites placenta</i> d'Orbigny, Pal. stratigr. I. 108.
<i>Receptaculites Neptuni</i> Nr. 4. auctore Roemer. |
| 4. — <i>sulcata</i> Gf. (31) 29 | Fig. 19. | — <i>Receptaculites Neptuni</i> Broun, Lethaea geogn. II. 157. Taf. 5. Fig. 5. |

Coeloptychium Gf.

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| 1. <i>Coeloptychium agaricoides</i> Gf. (31) 30 | Fig. 20. | Roemer, Versteiner. nordd. Kreidegeb. 10. Taf. 4. Fig. 5.
<i>Coelochonia agaricoides</i> Fromentel, Introd. Epong. foss. 44. |
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Tafel 10.

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| <i>Gorgonia infundibuliformis</i> Gf. 30 | Fig. 1 a. | — <i>Fenestella retiformis</i> King, Permian foss. 35. Tb. 2. Fig. 8 — 19, — Cf. Taf. 7.
<i>Retepora flustracea</i> Phillips, Transact. geol. soc. 1829. III. Tb. 12. Fig. 8. |
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Flustra L.

1. *Flustra contexta* Gf. (32) 30 Fig. 2.

Ceriopora Gf.

- Fig. 3 a. v. Hagenow, Bryozoen Maastricht 53. Taf. 5. Fig. 6.
 1. *Ceriopora cryptopora* Gf. (33) 31. Fig. 3 c. d. *Heteropora cryptopora* Blainville, Manuel Actinol. Tb. 70. Fig. 4.
 — *Heteropora tenera* v. Hagenow, Bryozoen Maastricht 48. Taf. 5. Fig. 14.
 Multiereseis Michelini d'Orbigny, Terr. erétae. Tb. 799. Fig. 14. 15.
 Fig. 3 b. d. — *Heteropora crassa* cf. Nr. 7.
 2. — *micropora* Gf. (33) 31 Fig. 4 a. — *Heteropora crassa* cf. Nr. 7.
 Fig. 4 b. c. ? *Achilleum* v. Hagenow, Bryozoen Maastricht 52.
 Fig. 4 d. Hagenow, Bryozoen Maastricht 52. Taf. 5. Fig. 4.
 3. — *anomalopora* Gf. (33) 31 Fig. 5 c. d. — *Heteropora anomalopora* Reuss, Haidingers naturwissenschaftl. Abhandlg. II. 34.
 Taf. 5. Fig. 17. 18.
 Ditaxia anomalopora Geinitz, Quadersandsteinegeb. 242. — v. Hagenow,
 Bryozoen Maastricht 49. Taf. 4. Fig. 9.
 Fig. 5 a. b. e. f. — *Heteropora crassa* v. Hagenow, Bryozoen Maastricht 46. Taf. 5. Fig. 12. 13.
 4. — *verrucosa* Gf. (33) 31 Fig. 6. — *Stromatopora concentrica* Taf. 8. Fig. 5.
 5. — *polymorpha* Gf. (34) 32 Fig. 7. — *Palmipora polymorpha*.
 Taf. 30. Fig. 11. *Millepora lobata* Roemer, Versteiner. nordd. Oolithgeb. Nachtr. Tb. 17.
 Fig. 12.
 6. — *radiciformis* Gf. (34) 32 Fig. 8. Giebel, Zeitg. f. Zool. Zootom. Pal. 1848. 11.
 Quenstedt, Jura 664. Taf. 81. Fig. 58.
 Berenicea radiciformis Haime, Mém. soc. géol. France 1854. V. 180.
 7. — *dichotoma* Gf. (34) 32 Fig. 9 d. e. — *Heteropora dichotoma* v. Hagenow, Bryozoen Maastricht 47. Taf. 5. Fig. 15.
 — Reuss, foss. Polypen, Wien 35. Taf. 5. Fig. 20.
 Heteropora reticulata Busk, Crag Polyzoa 124.
 Fig. 9 a. b. c. *Zonopora laevigata* d'Orbigny, Terrain erétae. V. Tb. 771. Fig. 7. 8.
 8. — *milleporacea* Gf. (34) 32 Fig. 10. — *Inversaria milleporacea* v. Hagenow, Bryozoen Maastricht 58. Taf. 6.
 Fig. 10. 11.
 Alveolites milleporacea Blainville, Manuel Actinol. 405.
 9. — *gracilis* Gf. (35) 33 Fig. 11. — *Escharites gracilis* v. Hagenow, Bryozoen Maastricht 56. Taf. 1. Fig. 15.
 Melicerites gracilis Roemer, Versteiner. nordd. Kreidegeb. 18. Taf. 5. Fig. 13.
 Alveolites gracilis Blainville, Manuel Actinol. 405.
 10. — *madreporacea* Gf. (35) 33 Fig. 12. — *Pustulipora madreporacea* Reuss, Versteiner. böhm. Kreidegeb. II. 64.
 Taf. 14. Fig. 5. — v. Hagenow, Bryozoen Maastricht 18. Taf. 1. Fig. 8.
 11. — *tubiporacea* Gf. (35) 33 Fig. 13. — *Inversaria tubiporacea* v. Hagenow, Bryozoen Maastricht 58. Taf. 6. Fig. 9.
 Alveolites tubiporacea Blainville, Manuel Actinol. 405.
 Ceriopora mamillata Roemer, Versteiner. nordd. Kreidegeb. 23. Taf. 5.
 Fig. 25.
 12. — *spongites* Gf. (35) 33 Fig. 14. Reuss, Versteiner. böhm. Kreidegeb. II. 63. Taf. 14. Fig. 13.
 13. — *clavata* Gf. (36) 34 Fig. 15. — *Heteropora clavata* Busk, Crag Polyzoa 123. Tb. 19. Fig. 7.
 Heteropora anomalopora Reuss, foss. Polypen Wien 34. Taf. 5. Fig. 17. 18.
 Stellipora clavata v. Hagenow, Bryozoen Maastricht 44.
 Quenstedt, Jura 665. Taf. 81. Fig. 59—61.
 14. — *cribrosa* Gf. (36) 34 Fig. 16. — *Thalamopora cribrosa* Roemer. Giebel, Zeitg. f. Zool. Zootom. Pal.
 1848. 21.

Tafel 11.

15. *Ceriopora verticillata* Gf. (36) 34 Fig. 1. — *Cricopora verticillata* Michelin, Leonogr. zoophyt. 212. Taf. 53. Fig. 7.—
 v. Hagenow, Bryozoen Maastricht 20. Taf. 1. Fig. 12.
 Ceriopora annullata Giebel, Zeitg. f. zool. Zootom. Pal. 1848. 18.
 Pustulopora verticillata Roemer, Versteiner. nordd. Kreidegeb. 21.
 16. — *spiralis* Gf. (36) 34 Fig. 2. — *Terebellaria spiralis* v. Hagenow, Bryozoen Maastricht 22. Taf. 3. Fig. 9.

17. *Ceripora pustulosa* Gf. (37) 34 Fig. 3. — *Pustulipora pustulosa* v. Hagenow, Bryozoen Maastricht 18. Taf. 1. Fig. 7. *Pustulipora* Goldfussi Roemer, Versteiner. nordd. Kreidegeb. 22.
18. — *compressa* Gf. (37) 35 Fig. 4 a. b. — *Ditaxia compressa* Geinitz, Quadersandsteingeb. 242. — v. Hagenow, Bryozoen Maastricht 50. Taf. 4. Fig. 10.
19. — *striata* Gf. (37) 35 Fig. 5. — *Neuropora striata* Etallon, Etudes pal. Haute Jura II. 163. Quenstedt, Jura 665. Taf. 81. Fig. 64—69. — Haime, Mém. soc. géol. France 1854. V. 216. *Chrysaora striata* d'Orbigny, Pal. stratigr. I. 318.
20. — *trigona* Gf. (37) 35 Fig. 6. — *Neuropora trigona*. *Chrysaora trigona* Roemer, Versteiner. nordd. Kreidegeb. 24. Taf. 11. Fig. 6.
21. — *angulosa* Gf. (38) 35 Fig. 7. — *Neuropora damicornis* Bronn, Lethaea geogn. IV. 91. Tb. 16. Fig. 9. *Chrysaora damicornis* Lamouroux, Polyp. 83. Tb. 81. Fig. 8. 9. — Michelin, Iconogr. zoophyt. 257. Tb. 55. Fig. 9. *Chrysaora angulosa* Blainville, Diction. sc. nat. LX. 379. Quenstedt, Jura 699. Taf. 84. Fig. 30 — 32. — Haime, Mém. soc. géol. France 1854. V. 216.
22. — *alata* Gf. (38) 36 Fig. 8. — *Neuropora alata*. *Spongites alatus* Quenstedt, Jura 699. Taf. 84. Fig. 28. 29.
23. — *crispa* Gf. (38) 36 Fig. 9. — *Neuropora spinosa* Bronn, Lethaea geogn. IV. 91. *Chrysaora spinosa* Lamouroux, Polyp. Tb. 81. Fig. 6. 7. *Acanthopora spinosa* d'Orbigny, Pal. stratigr. I. 318. *Tetrasmila crispa* Fromentel, Introd. Epong. foss. 47.
24. — *favosa* Gf. (38) 36 Fig. 10. — *Neuropora favosa*.
25. — *stellata* Gf. (39) 36 Fig. 11. Cf. Taf. 30. Fig. 12.
- Taf. 30. Fig. 12.
26. — *diadema* Gf. (39) 37 Fig. 12 a. b. c. d. — *Defrancia diadema* v. Hagenow, Bryozoen Maastricht 43. Taf. 4. Fig. 2. 3. *Ceripora semiglobosa* Roemer, Versteiner. nordd. Kreidegeb. 23.
- Fig. 12 e. f. — *Defrancia Michelini* v. Hagenow, Bryozoen Maastricht 42. Taf. 4. Fig. 5.
27. — *mitra* Gf. (39) 37 Taf. 30. Fig. 13. Cf. unten.

Tafel 12.

28. — *Ceripora radiata* Gf. (40) 37 Fig. 1. — *Chrysaora radiata* Reuss, Versteiner. böhm. Kreidegeb. II. 64. Taf. 14. Fig. 1. Quenstedt, Jura 700. Taf. 84. Fig. 36. 37.
- Cellepora orbiculata* Gf. 38 Fig. 2. — *Diastopora diluciana* M. Edwards, Ann. sc. nat. 2 ser. IX. 232. Tb. 14. Fig. 6. — Reuss, Versteiner. böhm. Kreidegeb. II. 65. Taf. 44. Fig. 14. Quenstedt, Jura 665. Taf. 81. Fig. 71. 72. — *Berenicea orbiculata* Etallon, Etudes pal. Haut. Jura 160.
- Cellepora escharoides* Gf. 38 Fig. 3. Giebel, Zeitg. f. zool. Zootom. Pal. 1848. 19. *Escharina impressa* Reuss, Versteiner. böhm. Kreidegeb. II. 68. Taf. 15. Fig. 24.

Dactylopora Lamck.

1. *Dactylopora cylindracea* Lk. (40) 38 Fig. 4. Bronn, Lethaea geogn. VI. 256. Taf. 35. Fig. 27.

Ovulites Lamck.

1. *Ovulites margaritula* Lk. (40) 38 Fig. 5. Michelin, Iconogr. zoophyt. 171. Tb. 46. Fig. 23. 24.

Lunulites Lamck.

1. *Lunulites radiatus* Lk. (41) 38 Fig. 6. Bronn, Lethaea geogn. VI. 268. Taf. 35. Fig. 29. *Lunulites urceolatus* Fig. 2. auctore Bronn.
2. — *urceolata* Lk. (41) 39 Fig. 7. — *Lunulites conica* Defr. var. *depressa*. Busk, Crag Polyzoa 88. Tb. 13. Fig. 4.

Orbitulites Lamck.

1. *Orbitulites macropora* Lk. (41) 39 Fig. 8. v. Hagenow, Bryozoen Maastricht 103. Taf. 12. Fig. 17. — Reuss, Wiener Sitzungsber. 1861. XLIV. 321. *Omphalocyclus macroporus* Bronn, Lethaea geogn. V. 95. Taf. 29. Fig. 9.

Pavonia Lamck.

1. *Pavonia tuberosa* Gf. (42) 39 Fig. 9. — ? *Oulophyllia tuberosa* — ? *Comoseris tuberosa* Milne Edwards, Hist. nat. Coralliaires III. 64.

Agaricia Lamck.

1. *Agaricia rotata* Gf. (42) 40 Fig. 10. — *Thamnastraea rotata* Milne Edwards, Hist. nat. Coralliaires II. 573. *Synastraea rotata* d'Orbigny, Pal. stratigr. I. 3-6. Quenstedt, Jura 504. Taf. 85. Fig. 12.
2. — *lobata* Gf. (42) 40 Fig. 11. — *Thamnastraea lobata* Milne Edwards, Hist. nat. Coralliaires II. 581. *Prionastraea lobata* d'Orbigny, Pal. stratigr. I. 293.
3. — *boletiformis* Gf. (43) 40 Fig. 12. — *Thamnastraea boletiformis* Milne Edwards, Hist. nat. Coralliaires II. 572. *Astraea agaricites* Roemer, Versteiner. nordd. Oolithgeb. 22. Taf. 1. Fig. 1. *Agaricia agaricites* d'Orbigny, Pal. stratigr. I. 287.
4. — *crassa* Gf. (43) 40 Fig. 13. — *Isastraea crassa* Milne Edwards, Hist. nat. Coralliaires II. 532. *Confusastraea crassa* d'Orbigny, Pal. stratigr. I. 386.

Tafel 13.**Lithodendron** Schweigg.a. *Oculina*.

1. *Lithodendron virgineum* Schweigg (44) 41 Fig. 1. — *Diplohelix raristella* M. Edwards, Ann. sc. nat. 1850. XIII. 87; nat. Coralliaires II. 121. *Oculina raristella* DeFrance Michelin, Iconogr. zoophyt. 163. Tb. 43. Fig. 16. *Oculina Solanderi* DeFrance, Diction. sc. nat. XXXV. 355.

b. *Caryophyllia*.

2. — *gracile* Gf. (44) 41 Fig. 2. — *Trochomilia gracilis*. — *Rhabdophyllia?* *gracilis* Milne Edwards, Hist. nat. Corall. II. 349. *Chrysaora gracilis* Giebel, Zeitg. f. Zool. Zootom. Pal. 1848. 10.
3. — *dichotomum* Gf. (44) 41 Fig. 3. — *Cladophyllia dichotoma* Milne Edwards, Hist. nat. Corall. II. 366. *Cladocora dichotoma* Geinitz, Grundriss Versteinergs. 570. *Eunomia dichotoma* d'Orbigny, Pal. stratigr. II. 285. *Calamophyllia dichotoma* Bronn, Lethaea geogn. IV. 104. Taf. 15b. Fig. 1.
4. — *caespitosum* Gf. (44) 42 Fig. 4. — *Lithostrotion antiquum* M. Edwards, Polyp. palaeoz. 439; Hist. nat. Coralliaires III. 428. *Caryophyllia caespitosa* Blainville, Manuel Actinol. 346. *Caryophyllia flexuosa* Steininger, Mém. soc. géol. 1831. I. 342. *Lithostrotion caespitosum* Sandberger, Versteiner. rhein. Schichtsys. Nassau 417. Taf. 37. Fig. 4.
5. — *plicatum* Gf. (45) 42 Fig. 5. — *Latomacandra plicata* M. Edwards, Hist. nat. Coralliaires II. 544. *Caryophyllia plicata* Blainville, Dict. sc. nat. LX. 312. *Maeandrina astroites* Taf. 21. Fig. 3. *Astraea confluenta* Taf. 22. Fig. 5. *Eunomia plicata*, *Oulophyllia astroites* u. *confluenta* d'Orbigny, Pal. stratigr. II. 385. 387. Quenstedt, Jura 711. Taf. 87. Fig. 1. 2.
6. — *trichotomum* Gf. (45) 42 Fig. 6. — *Thecosmilia trichotoma* M. Edwards, Bronn, Lethaea geogn. IV. 110. Taf. 16. Fig. 16. — Thurmann u. Etallon, neue schweizer. Denkschr. XX. 386. Taf. 55. Fig. 2. *Caryophyllia trichotoma* Blainville, Diction. sc. nat. LX. 312. Quenstedt, Jura 710. Taf. 86. Fig. 13.
7. — *cariosum* Gf. (45) 42 Fig. 7. — *Lobopsammia cariosa* M. Edwards, Polyp. palaeoz. 138; Hist. nat. Coralliaires III. 124. *Dendrophyllia cariosa*, *Lobophyllia parisiensis* Michelin, Iconogr. zoophyt. Tb. 43. Fig. 10. 11. *Caryophyllia parisiensis* Geinitz, Grundriss Versteiner. 574.
8. — *dianthus* Gf. (45) 42 Fig. 8. — *Placophyllia dianthus* Milne Edwards, Hist. nat. Coralliaires II. 222. Quenstedt, Jura 711. Taf. 87. Fig. 3.

Anthophyllum Schweigg.

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|---------------------------------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Anthophyllum truncatum Gf. (46) 43 | Fig. 9. | — <i>Circophyllia truncata</i> M. Edwards, Ann. sc. nat. 3 ser. X. Tb. 8. Fig. 3; Hist. nat. Coralliaires II. 293.
Caryophyllia truncata Rouault, Mém. soc. géol. France 2 ser. III. Tb. 14. Fig. 1. — Michelin, Iconogr. Zoophyt. 154. Tb. 43. Fig. 9. |
| 2. — piriforme Gf. (46) 43 | Fig. 10. | — <i>Montlivaltia caryophyllata</i> Lamouroux, Expos. genres Polyp. Tb. 79. Fig. 8—10. — Bronn, Lethaea geogn. IV. 111. |
| 3. — denticulatum Gf. (46) 43 | Fig. 11. | — <i>Zaphrentis denticulata</i> M. Edwards. Polyp. palaeoz. 335; Hist. nat. Coralliaires III. 341. |
| 4. — bicostatum Gf. (46) 43 | Fig. 12. | — <i>Lophophyllum bicostatum</i> M. Edwards, Polyp. palaeoz. 350; Hist. nat. Coralliaires III. 354. |
| 5. — proliferum Gf. (46) 43 | Fig. 13. | Ellipsocyathus bicostatus d'Orbigny, Pal. stratigr. I. 105.
? |

Tafel 14.**Fungia Gf.**

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| 1. Fungia radiata Gf. (47) 44 | Fig. 1. | — <i>Stephanophyllia radiata</i> Milne Edwards, Hist. nat. Coralliaires III. 111. |
| 2. — laevis Gf. (47) 44 | Fig. 2. | — <i>Anabacia orbulites</i> M. Edwards, brit. foss. Corals II. 120. Tb. 29. Fig. 5. Anabacia bajociana d'Orbigny, Pal. stratigr. I. 321.
Cyclolites laevis Blainville, Diction. sc. nat. LV. 301. |
| 3. — clypeata Gf. (47) 44 | Fig. 3. | — <i>Defrancia clypeata</i> Bronn, Lethaea geogn. IV. 94. Taf. 16. Fig. 18. Pelagia clypeata Lamouroux, Polyp. 78. Tb. 79. Fig. 5—7. — Michelin, Iconogr. zoophyt. 229. Tb. 55. Fig. 3. |
| 4. — numismalis Gf. (48) 45 | Fig. 4. | — <i>Cyclolites numismalis</i> Milne Edwards, Hist. nat. Coralliaires III. 39. Cyclolites porpita Blainville, Dict. sc. nat. LX. 301. |
| 5. — cancellata Gf. (48) 45 | Fig. 5. | — <i>Cyclolites discoidea</i> Michelin, Iconogr. zoophytol. 16. Tb. 4. Fig. 1. |
| 6. — polymorpha Gf. (48) 46 | Fig. 6. | — <i>Cyclolites cancellata</i> M. Edwards, Hist. nat. Coralliaires III. 41. |
| | Fig. 6 a. b. c. i. | — <i>Cyclolites polymorpha</i> M. Edwards, Hist. nat. Coralliaires III. 44.
Cyclolites elliptica Michelin, Iconogr. zoophytol. 281. Tb. 61. Fig. 1b. |
| | Fig. 6 g. h. | — <i>Cyclolites hemisphaerica</i> Lamck. Reuss, Kreideschichten in den Ostalpen 124. Taf. 21. Fig. 14—16.
Funginella hemisphaerica d'Orbigny, Pal. stratigr. II. 202. |
| 7. — undulata Gf. (49) 46 | Fig. 7. | — <i>Cyclolites elliptica</i> Lamck. Reuss, Kreideschichten in den Ostalpen 123. Taf. 22. Fig. 7. Taf. 23. Fig. 1—3. — Milne Edwards, Hist. nat. Coralliaires III. 44. |
| 8. — radiata Gf. (49) 46 | Fig. 8. | — <i>Cyclolites undulata</i> M. Edwards, Hist. nat. Coralliaires III. 42. — Reuss, Kreideschichten in den Ostalpen 121. Taf. 22. Fig. 11—13. |
| 9. — discoidea Gf. (50) 47 | Fig. 9. | Cyclolites semiradiata Blainville, Diction. sc. nat. LX. 301.
Fungia radiata Fig. 8.
— <i>Cyclolites discoidea</i> Milne Edwards, Hist. nat. Coralliaires III. 40. — Reuss, Kreideschichten in den Ostalpen 124. |
| 10. — coronula Gf. (50) 47 | Fig. 10. | Funginella discoidea d'Orbigny, Pal. stratigr. II. 302.
Cyclolites hemisphaerica und corbieriaci Michelin, Iconogr. zoophyt. 282. 284. Tb. 64. Fig. 2. 5.
— <i>Micrabacia coronula</i> M. Edwards, brit. foss. Corals I. 60. Tb. 10. Fig. 4. Stephanophyllia coronula Quenstedt, Handbuch Petrefk. 657. Taf. 59. Fig. 10. |

Tafel 15.**Diploctenium Gf.**

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| 1. Diploctenium cordatum Gf. (51) 48 | Fig. 1. | M. Edwards, Ann. sc. nat. 3 ser. X. 249; Hist. nat. Coralliaires II. 169. |
| 2. — pluma Gf. (51) 48 | Fig. 2. | M. Edwards, Polyp. palaeoz. 50; Hist. nat. Coralliaires II. 170. |

Turbinolia Lamck.

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| 1. <i>Turbinolia sulcata</i> Lk. (51) 49 | Fig. 3. | M. Edwards, brit. foss. Corals I. 13. Tb. 3. Fig. 3. — Bronn, Lethaea geogn. VI. 314. Taf. 36. Fig. 4. |
| 2. — <i>elliptica</i> Cuv. (52) 49 | Fig. 4. | — <i>Eupsammia trochiformis</i> M. Edwards, Ann. sc. nat. 3 ser. X. 78. Tb. 1. Fig. 3. — Bronn, Lethaea geogn. VI. 289. Taf. 36. Fig. 2. |
| 3. — <i>mitrata</i> Gf. (52) 49 | Fig. 5. | — <i>Trochocyathus mitratus</i> Milne Edwards, Hist. nat. Coralliaires II. 27. Turbinolia plicata Michelin, Iconogr. zoophytol. 40. Tb. 9. Fig. 2b. |
| 4. — <i>duodecimcostata</i> Gf. (52) 49 | Fig. 6. | — <i>Ceratotrochus duodecimcostatus</i> M. Edwards, Hist. nat. Coralliaires II. 74. — Bronn, Lethaea geogn. VI. 311. Taf. 36. Fig. 5. Reuss, Haidingers naturwiss. Abhdlgn. II. 10. Taf. 1. Fig. 3–5. Turbinolia cuneata Michelotti, Zoophyt. 66. 225. |
| 5. — <i>crispa</i> Lamck (53) 50 | Fig. 7. | — <i>Sphenotrochus crispus</i> M. Edwards, Ann. sc. nat. 3 ser. IX. 241. — Bronn, Lethaea geogn. VI. 313. Taf. 36. Fig. 3. Turbinolia trochiformis Michelotti, Zoophyt. 54. Tb. 1. Fig. 7. |
| 6. — <i>cernua</i> Gf. (53) 50 | Fig. 8. | — <i>Trochomilia cernua</i> M. Edwards, brit. foss. Corals I. 69; Hist. nat. Coralliaires II. 159. |
| 7. — <i>cuneata</i> Gf. (53) 50 | Fig. 9. | — <i>Flabellum cuneatum</i> Michelin, Iconogr. zoophytol. 45. Tb. 9. Fig. 13. — Reuss, Haidingers naturwiss. Abhdlgn. II. 12. Taf. 1. Fig. 10–12. Flabellum avicula Michelin, Iconogr. zoophyt. 44. Taf. 9. Fig. 11. Turbinolia avicula Michelotti, Spec. zoophyt. 58. Tb. 3. Fig. 2. Turbinolia appendiculata Brongniart, Terr. calc. Trapp. 83. Taf. 5. Fig. 17. |
| 8. — <i>complanata</i> Gf. (53) 50 | Fig. 10. | — <i>Trochomilia complanata</i> M. Edwards, Hist. nat. Coralliaires II. 154. — Reuss, Kreideschichten in den Ostalpen 85. Taf. 2. Fig. 3. 4. |
| 9. — <i>didyma</i> Gf. (54) 50 | Fig. 11. | — <i>Trochomilia didyma</i> M. Edwards, Polyp. palaeoz. 46; Hist. nat. Coralliaires II. 159. |

Cyathophyllum Gf.

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| 1. <i>Cyathophyllum plicatum</i> Gf. (54) 51 | Fig. 12. | — ? <i>Hallia nengillyi</i> M. Edwards, Polyp. palaeoz. 354. Spec. indet. |
| 2. — <i>dianthus</i> Gf. (54) 51 | Fig. 13. | M. Edwards, Polyp. palaeoz. 381; Hist. nat. Coralliaires III. 380. — Lonsdale, Murchison, Silur. System 690. Tb. 16. Fig. 12. |

Tafel 16.

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| — <i>dianthus</i> Gf. | Fig. 1 a. b. c. d. | — <i>Cyathophyllum Steiningeri</i> M. Edwards, Polyp. palaeoz. 378; Hist. nat. Coralliaires III. 378. |
| | Fig. 1 e. | — <i>Cyathophyllum Roemeri</i> M. Edwards, brit. foss. Corals IV. 224. Tb. 50. Fig. 3; Polyp. palaeoz. 362. Tb. 8. Fig. 3. |
| 3. <i>Cyathophyllum radicans</i> Gf. (55) 52 | Fig. 2. | Milne Edwards, Polyp. palaeoz. 368; Hist. nat. Coralliaires III. 386. |
| 4. — <i>marginatum</i> Gf. (55) 52 | Fig. 3. | Milne Edwards, Polyp. palaeoz. 368; Hist. nat. Coralliaires III. 370. |
| 5. — <i>excentricum</i> Gf. (55) 52 | Fig. 4. | Milne Edwards, Polyp. palaeoz. 363; Hist. nat. Coralliaires III. 367. |
| 6. — <i>explanatum</i> Gf. (56) 52 | Fig. 5. | — <i>Cyathophyllum hypocraeteriforme</i> cf. Nr. 10. |
| 7. — <i>tintinnabulum</i> Gf. (56) 53 | Fig. 6. | — <i>Thecocyathus tintinnabulum</i> Milne Edwards, Hist. nat. Coralliaires II. 48. — Bronn, Lethaea geogn. IV. 113. Taf. 15b. Fig. 12. Cyclolites tintinnabulum Quenstedt, Jura 292. Taf. 41. Fig. 51. |
| 8. — <i>mactra</i> Gf. (56) 53 | Fig. 7. | — <i>Thecocyathus mactra</i> Milne Edwards, Hist. nat. Coralliaires II. 49. Quenstedt, Jura 317. Taf. 43. Fig. 38. |
| 9. — <i>turbinatum</i> Gf. (56) 53 | Fig. 8 a. b. c. | — <i>Cyathophyllum hypocraeteriforme</i> cf. Nr. 10. Lonsdale, Murchison Silur. System 690. Tb. 16. Fig. 11. |
| | Fig. 8 c. d. f. g. h. | — <i>Cyathophyllum ceratites</i> M. Edwards, brit. foss. Corals IV. 224. Tb. 50. Fig. 2; Polyp. palaeoz. 361. <i>Cyathophyllum turbinatum</i> d'Orbigny, Pal. stratigr. I. 105. |

Tafel 17.

10. *Cyathophyllum hypocateriforme* Gf. (57) 53 Fig. 1. M. Edwards, Polyp. palaeoz. 381; Hist. nat. Coralliaires III. 380. Favastrea hypocateriforme Blainville, Manuel Actinol. 375. Turbinolia turbinata Steininger, Mém. soc. géol. 1831. I. 344.
Fig. 1 c. Polyphyllum hypocateriforme Fromentel, Introduct. Polyp. foss. 309.
11. — *ceratites* Gf. (57) 44 Fig. 2 a. d. — *Zaphrentis Noeggerathi* M. Edwards, Polyp. palaeoz. 338; Hist. nat. Coralliaires III. 344.
Fig. 2 b. c. e. g. — *Cyathophyllum Decheni* M. Edwards, Polyp. palaeoz. 365; Hist. nat. Coralliaires III. 368.
Fig. 2 g. h. — *Amplexus Henslowi* M. Edwards, Polyp. palaeoz. 347.
Fig. 2 f. — *Cyathophyllum ceratites* M. Edw.
Fig. 2 k. — *Cystiphyllum vesiculosum* cf. Nr. 14.
12. — *flexuosum* Gf. (57) 54 Fig. 3. — *Campophyllum flexuosum* M. Edwards, Polyp. palaeoz. 395. Tb. 8. Fig. 4. Turbinolia flexuosa Steininger, Mém. soc. géol. 1831. I. 344. Cyathophyllum turbinatum Phillips, palaeoz. foss. 8. Tb. 7. Fig. 9.
13. — *vermiculare* Gf. (58) 54 Fig. 4. M. Edwards, Polyp. palaeoz. 363; Hist. nat. Coralliaires III. 366. Cystiphyllum vermiculare d'Orbigny, Pal. stratigr. I. 106.
14. — *vesiculosum* Gf. (58) 54 Fig. 5. — *Cystiphyllum vesiculosum* Phillips, Palaeoz. foss. 10. Tb. 4. Fig. 12. — M. Edwards, brit. foss. Corals IV. 243. Tb. 56. Fig. 1. Cystiphyllum secundum d'Orbigny, Pal. stratigr. I. 106. Cystiphyllum siluriense Lonsdale, Murchison Silur. System 691. Tb. 16b. Fig. 1. 2.

Tafel 18.

- Cyathophyllum vesiculosum* Gf. Fig. 1. — *Cystiphyllum vesiculosum* cf. Nr. 14.
15. — *secundum* Gf. (58) 55 Fig. 2. — *Cystiphyllum vesiculosum* cf. Nr. 14.
16. — *lamellosum* Gf. (58) 55 Fig. 3. — *Cystiphyllum lamellosum* M. Edwards, Polyp. palaeoz. 463; Hist. nat. Coralliaires III. 447. Cyathophyllum placentiforme Fig. 4.
17. — *placentiforme* Gf. (59) 55 Fig. 4. — *Cystiphyllum lamellosum* cf. Nr. 16.
18. — *plicatum* Gf. (59) 55 Fig. 5. — *Chonophyllum perfoliatum* M. Edwards, brit. foss. Corals IV. 235. Tb. 50. Fig. 5; Polyp. palaeoz. 405. Strombodes plicatum Lonsdale, Murchison Silur. System 691. Tb. 16b. Fig. 4.
19. — *quadrigeminum* Gf. (59) 55 Fig. 6. M. Edwards, Polyp. palaeoz. 333; Hist. nat. Coralliaires III. 351. Montastraea adamantina u. coniformis, Favastrea quadrigeminata u. alveolata. Favosites quadrigemina Blainville, Manuel Actinol. 374. 75. 403. Astraea alveolata Steininger, Mém. soc. géol. 1831. I. 345. Lithostrotion quadrigemium, Favastrea sulcata d'Orbigny, Pal. stratigr. I. 107. Polyphyllum quadrigemium Fromentel, Introduct. Polyp. foss. 309.

Tafel 19.

- Cyathophyllum quadrigeminum* Gf. Fig. 1. Cf. Taf. 18. Fig. 6.
20. — *caespitosum* Gf. (60) 56 Fig. 2. M. Edwards, brit. foss. Corals IV. 229. Tb. 51. Fig. 2; Polyp. palaeoz. 384. Lonsdale, Murchison Silur. System 690. Tb. 16. Fig. 10. Caryophyllia dubia Blainville, Manuel Actinol. 345. Cladocora Goldfussi Geinitz, Grundriss Versteiner. 569. Diphyphyllum caespitosum d'Orbigny, Pal. stratigr. I. 106.
21. — *pentagonum* Gf. (60) 57 Fig. 3. — *Acervularia pentagona* M. Edwards, brit. foss. Corals IV. 238. Tb. 53. Fig. 5; Polyp. palaeoz. 418. Favastrea pentagona Blainville, Manuel Actinol. 375. Astraea pentagona Lonsdale, Trausact. geol. Soc. 1840. V. Tb. 57. Fig. 1. Lithostrotion pentagonum d'Orbigny, Pal. stratigr. I. 106. Acervularia ananas Michelin, Iconogr. zoophytol. 180. Tb. 47. Fig. 1.

22. *Cyathophyllum ananas* Gf. (60) 57 Fig. 4 a. b. — *Acervularia Goldfussi* M. Edwards, brit. foss. Corals IV. 236. Tb. 53. Fig. 3; Polyp. palaeoz. 417. — Bronn, Lethaea geogn. II. 196. Taf. 5b. Fig. 14.
Astraea basaltiformis Roemer, Versteiner. Harzgeb. 5. Taf. 2. Fig. 12.
Acervularia Troscheli M. Edwards, Polyp. palaeoz. 416.
Lithostrotion ananas d'Orbigny, Pal. stratigr. I. 106.
 23. — *hexagonum* Gf. (61) 57 Fig. 5 a. b. c. — *Cyathophyllum caespitosum* cf. Nr. 20.

Tafel 20.

- Cyathophyllum hexagonum* Gf. Fig. 1. M. Edwards, brit. foss. Corals IV. 228. Tb. 50. Fig. 4; Polyp. palaeoz. 382. — Sandberger, Versteiner. rhein. Schichtst. Nassau 415. Taf. 37. Fig. 2.
Favastrea hexagona Blainville, Manuel Actinol. 375. — *Polyphyllum hexagonum* Fromentel, Introduct. Polyp. foss. 309.
Astraea hexagona Steininger, Mém. soc. géol. 1831. I. 345.
Astraea ananas Roemer, Versteiner. Harzgeb. 5. Tb. 2. Fig. 11.
 24. — *helianthoides* Gf. (61) 58 Fig. 2 a—k. M. Edwards, brit. foss. Corals IV. 227. Tb. 51. Fig. 1; Polyp. palaeoz. 375. Tb. 8. Fig. 5.
Favastrea helianthoides Blainville, Manuel Actinol. 375.
Turbinolia helianthoides, *Astraea helianthoides*, *Monticularia areolata* Steininger, Mém. Soc. géol. 1831. I. 344. 345. Tb. 20. Fig. 10.
Discophyllum helianthoides d'Orbigny, Pal. stratigr. I. 106.
Strophodes helianthoides M'Coy, brit. palaeoz. foss. 73.
 Fig. 2 i. k. *Polyphyllum helianthoides* Fromentel, Introduct. Polyp. foss. 309.

Tafel 21.

- Cyathophyllum helianthoides* Gf. Fig. 1. M. Edwards, brit. foss. Corals IV. 227. Tb. 51. Fig. 1. — Geinitz, Versteiner. Grauwackform. II. 77. Taf. 17. Fig. 8. 10. 11.

Strombodes Schweigg.

1. *Strombodes pentagonus* Gf. (62) 58 Fig. 2. M. Edwards, Polyp. palaeoz. 430; Hist. nat. Coralliaires III. 42).
Strombostrea quinquangulosa Blainville, Manuel Actinol. 376. Tb. 54. Fig. 4.

Maeandrina Lamck.

1. *Maeandrina astroides* Gf. (63) 59 Fig. 3. — *Latomaeandra plicata* M. Edwards cf. Taf. 13. Fig. 5.
 2. — *tenella* Gf. (63) 59 Fig. 4. — *Leptoria tenella* Fromentel, Introduct. Polyp. foss. 167.
 3. — *reticulata* Gf. (63) 59 Fig. 5. — ? *Dictyophyllia reticulata* Blainville.
Oulophyllia reticulata d'Orbigny, Pal. stratigr. II. 277.

Astraea Lamck.

1. *Astraea microconos* Gf. (63) 60 Fig. 6. — *Thamnastraea arachnoides* Milne Edwards, Hist. nat. Coralliaires II. 573; brit. foss. Corals 97. Tb. 18. Fig. 1.
Astraea arachnoides Phillips, Geol. Yorkshire I. 126.
Siderastraea agariciaformis M'Coy, Ann. mag. nat. Hist. 1848. IV. 401.
Thamnastraea microconos Thurmann u. Etallon, neue schweiz. Denkschriften XX. 400. Taf. 57. Fig. 16.
Centrastrea microconos d'Orbigny, Pal. stratigr. I. 387.
 Quenstedt, Jura 707. Taf. 86. Fig. 1.
Synastraea arachnoides Fromentel, Introduct. Polyp. foss. 219.
 2. — *porosa* Gf. (64) 60 Fig. 7. — *Heliolites porosa* M. Edwards, brit. foss. Corals IV. 212. Tb. 47. Fig. 1; Palaeoz. Polyp. 218. — Bronn, Lethaea geogn. I. 173. Taf. 5. Fig. 4.
Heliopora piriformis Blainville, Manuel Actinol. 392.
Porites piriformis Phillips, Palaeoz. Foss. 14. Tb. 7. Fig. 19. — Lonsdale, Murchison Silur. System 686. Tb. 16. Fig. 2.
Geoporites porosa und *Phillipsi* d'Orbigny, Pal. stratigr. I. 103. 109.
Palacopora piriformis M'Coy, brit. palaeoz. Foss. 67.

Tafel 22.

3. *Astraea concinna* Gf. (64) 60 Fig. 1 a. — *Thamnastraea concinna* M. Edwards, brit. foss. Corals II. 100. Tb. 18. Fig. 3. — Thurmman u. Etallon, neue schweiz. Denkschriften XX. 397. Taf. 56. Fig. 10.
Astraea varians Roemer, Versteiner. nordd. Oolithgeb. 23. Taf. 1. Fig. 10. 11.
Agaricia lobata Morris, Catal. brit. Foss. 36. — *Astraea gracilis* Quenstedt, Handbuch Petrefk. 650. Taf. 58. Fig. 6.
Stephanocoenia concinna und *Tremocoenia varians* d'Orbigny, Pal. stratigr. I. 386.
Centastraea concinna Fromentel, Introd. Polyp. foss. 217.
4. — *oculata* Gf. (65) 61 Fig. 2. — *Isastraea heliantoides* cf. Fig. 4a.
5. — *alveolata* Gf. (65) 61 Fig. 3. — *Stylina alveolata* Milne Edwards, Hist. nat. Coralliaires II. 236.
Cyathophora alveolata Fromentel, Introd. Polyp. foss. 279.
Cryptocoenia alveolata d'Orbigny, Pal. stratigr. I. 385.
Sarcinula conoidea Taf. 25. Fig. 3.
Astraea cavernosa Quenstedt, Jura 702. Taf. 85. Fig. 5—7.
6. — *heliantoides* Gf. (65) 61 Fig. 4 a. — *Isastraea heliantoides* M. Edwards, Hist. nat. Coralliaires II. 538.
Prionastraea heliantoides Bronn, Lethaea geogn. IV. 101. Taf. 16. Fig. 21.
Favastraea heliantoides Blainville, Dict. sc. nat. LX. 341.
Centrastraea oculata d'Orbigny, Pal. stratigr. I. 386.
Prionastraea Rathieri d'Orbigny, Pal. stratigr. II. 35.
Fig. 4 b. — *Isastraea Goldfussana* M. Edwards, Hist. nat. Coralliaires II. 532.
Prionastraea Goldfussana d'Orbigny, Pal. stratigr. I. 386.
7. — *confluens* Gf. (65) 61 Fig. 5. — *Latomaecandra plicata* M. Edwards, cf. Taf. 13. Fig. 5.
8. — *rosacea* Gf. (66) 62 Fig. 6. ? *Plerastraea rosacea*.
9. — *caryophylloides* Gf. (66) 62 Fig. 7. — *Favia caryophylloides* Milne Edwards, Hist. nat. Coralliaires II. 440.
Ovalastraea caryophylloides d'Orbigny, Pal. stratigr. I. 386.
Quenstedt, Jura 703. Taf. 85. Fig. 9.
10. — *cristata* Gf. (66) 62 Fig. 8. — *Thamnastraea genevensis* Milne Edwards, Hist. nat. Coralliaires II. 568.
Synastraea cristata d'Orbigny, Pal. stratigr. I. 386.
Siderastraea cristata Blainville, Dict. sc. nat. LX. 336.
11. — *agaricites* Gf. (66) 62 Fig. 9. — *Thamnastraea agaricites* M. Edwards Reuss, Kreideschichten in den Ostalpen 118. Taf. 19. Fig. 1. 2.
Siderastraea agaricites Blainville, Dict. sc. nat. LX. 336.
Astraea composita Michelin, Iconogr. zoophyt. Tb. 70. Fig. 6.
Dimorphastraea glomerata Reuss, Kreideschichten in den Ostalpen 116. Taf. 19. Fig. 12.
Synastraea agaricites Fromentel, Introd. Polyp. foss. 221.
12. — *flexuosa* Gf. (67) 63 Fig. 10. — *Thamnastraea flexuosa* Milne Edwards, Hist. nat. Coralliaires II. 574.
Synastraea flexuosa d'Orbigny, Pal. stratigr. II. 278. — Fromentel, Introd. Polyp. foss. 219.
13. — *geometrica* Gf. (67) 63 Fig. 11. — *Thamnastraea geometrica* Milne Edwards, Hist. nat. Coralliaires II. 571. (cf. III. 202!)
Synastraea geometrica d'Orbigny, Pal. stratigr. II. 278.

Tafel 23.

14. *Astraea clathrata* Gf. (67) 63 Fig. 1.
15. — *escharoides* Gf. (68) 64 Fig. 2. — *Parastraea escharoides* — *Dimorphastraea escharoides* Milne Edwards, Hist. nat. Coralliaires II. 586.
Astraea elegans Gf. Nr. 19.
Morphastraea escharoides d'Orbigny, Pal. stratigr. II. 277.
Dimorphastraea escharoides Fromentel, Introd. Polyp. foss. 225.
16. — *textilis* Gf. (68) 64 Fig. 3. — *Thamnastraea textilis* Milne Edwards, Hist. nat. Coralliaires II. 566.
Synastraea textilis d'Orbigny, Pal. stratigr. II. 277. — Fromentel, Introd. Polyp. foss. 220.
17. — *velamentosa* Gf. (68) 64 Fig. 4. — *Thamnastraea velamentosa* Milne Edwards, Hist. nat. Coralliaires II. 563.
Synastraea filamentosa d'Orbigny, Pal. stratigr. II. 277.
Synastraea velamentosa Fromentel, Introd. Polyp. foss. 221.
18. — *gyrosa* Gf. (68) 64 Fig. 5. — *Favia gyrosa* M. Edwards, Hist. nat. Coralliaires II. 441.
Synastraea gyrosa d'Orbigny, Pal. stratigr. II. 277.

19. *Astraea elegans* Gf. (68) 65 Fig. 6. — *Parastraea escharoides* cf. Nr. 15.
Actinohelia elegans d'Orbigny, Pal. stratigr. II. 278.
20. — *angulosa* Gf. (69) 65 Fig. 7. — *Isastraea angulosa* Milne Edwards, Hist. nat. Coralliaires II. 529. —
 Fromentel, Introd. Polyp. foss. 228.
Stephanocoenia angulosa d'Orbigny, Pal. stratigr. II. 277.
21. — *geminata* Gf. (69) 65 Fig. 8 a. b. — *Stylina geminata* Milne Edwards, Hist. nat. Coralliaires II. 242.
 Fig. 8 c. e. *Aplosastraea geminata* d'Orbigny, Pal. stratigr. II. 277.
 Fig. 8 d. — *Astrocoenia Goldfussi* M. Edwards, Hist. nat. Coralliaires II. 261. —
 Fromentel, Introd. Polyp. foss. 234.
 — *Stylina Faujasi* Milne Edwards, Hist. nat. Coralliaires II. 243.
22. — *arachnoides* Schröt. (70) 65 Fig. 9 a—c. — *Heliastrea Riemsdycki* Milne Edwards, Hist. nat. Coralliaires II. 469.
Phyllocoenia arachnoides d'Orbigny, Pal. stratigr. II. 277.

Tafel 24.

23. *Astraea rotula* Gf. (70) 66 Fig. 1. — *Heliastrea rotula* Milne Edwards, Hist. nat. Coralliaires II. 475.
Cryptocoenia rotula d'Orbigny, Pal. stratigr. II. 277.
24. — *macrophthalma* Gf. (70) 66 Fig. 2. — *Placocoenia macrophthalma* Milne Edwards, Hist. nat. Coralliaires II.
 270. — Fromentel, Introd. Polyp. foss. 185.
25. — *muricata* Gf. (71) 66 Fig. 3. — *Litharaea ameliana* Milne Edwards, Hist. nat. Coralliaires III. 187.
Astraea ameliana Michelin, Iconogr. zoophyt. 157, Tb. 44. Fig. 3.
26. — *stylophora* Gf. (71) 67 Fig. 4. — *Stylocoenia emarciata* M. Edwards, brit. foss. Corals I. 30. Tb. 5. Fig. 1.
Cellastraea emarciata Blainville, Manuel Actinol. 377: Dict. sc. nat. LX. 242.
Astraea emarciata, cylindrica, decorata Michelin, Iconogr. zoophyt. 154.
 161. Tb. 14. Fig. 4. 6. 8.
Aploastraea stylophora d'Orbigny, Pal. stratigr. II. 403.
27. — *sexradiata* Gf. (71) 67 Fig. 5. *Convexastraea sexradiata* M. Edwards, Polyp. palaeoz. 63; Hist. nat. Co-
 ralliaires II. 278. — Etallon, Etudes pal. Haut Jura 80.
Stylina sexradiata d'Orbigny, Pal. stratigr. I. 386.
 Quenstedt, Jura 701. Taf. 85. Fig. 3.
28. — *crenulata* Gf. (71) 67 Fig. 6. Milne Edwards, Hist. nat. Coralliaires II. 510. — Reuss, Haidingers natur-
 wissenschaft. Abhandlgn. II. 21, Taf. 4. Fig. 1.
Siderastraea crenulata Blainville, Dict. sc. nat. LX. 336. — M. Edwards,
 Ann. sc. nat. 3 ser. X. Tb. 9. Fig. 10.

Columnaria Gf.

1. *Columnaria alveolata* Gf. (72) 68 Fig. 7. M. Edwards, Polyp. palaeoz. 309; Hist. nat. Coralliaires III. 317.
Columnaria multiradiata Castelnau, Syst. silur. Amer. sept. 44. Tb. 19. Fig. 1.
Favistella stellata Hall, Palaeontol. New-York I. 47. Tb. 12. Fig. 1.
2. — *laevis* Gf. (72) 68 Fig. 8. — *Lithostrotion laeve* M. Edwards, Polyp. palaeoz. 445; Hist. nat. Coral-
 liaires III. 432.
3. — *sulcata* Gf. (72) 68 Fig. 9. — *Cyathophyllum quadrigeminum* cf. Taf. 18. Fig. 6.

Sarcinula Lamck.

1. *Sarcinula organum* Lamck (73) 63 Fig. 10. — *Syringophyllum organum* M. Edwards, brit. foss. Corals V. 295. Tb. 71.
 Fig. 3; Polyp. palaeoz. 450. — Bronn, Lethaea geogn. II. 201. Taf. 5.
 Fig. 12. — Roemer, foss. Fauna silur. Diluvialgeschiebe 20. Taf. 4.
 Fig. 2.
Astraeopora organum d'Orbigny, Pal. stratigr. I. 50.
 — *Heliastrea Ellisana* Milne Edwards, Hist. nat. Coralliaires II. 467.
2. — *costata* Gf. (73) 69 Fig. 11.
3. — *astroites* Gf. (73) 69 Fig. 12. *Astraea Ellisana* DeFrance, Dict. sc. nat. XLII. 382.
Sarcinula aneticon cf. Taf. 25. Fig. 2.
Explanaria astroites Reuss, Haidingers naturwiss. Abhandlgn. II. 17. Taf. 2.
 Fig. 7—14. — *Heliastrea Ellisana* Fromentel, Introd. Polyp. foss. 208.
 — *Astraea astroites* und *A. thyrsoformis* Michelin, Iconogr. zoophyt. Tb. 12.
 Fig. 2. 6.
Sarcinula acropora, *concordis*, *contexta*, *musicalis* Michelotti, Spec. zoophyt.
 diluv. 106. 111. 115. Tb. 3. Fig. 8. Tb. 4. Fig. 3. 4.

Tafel 25.

4. *Sarcinula microphthalma* Gf. (73) 69 — *Stylina echinulata* Lamck. Bronn, Lethaea geogn. IV. 108. Taf. 15.
Fig. 1. Fig. 11. — Milne Edwards, Hist. nat. Coralliaires II. 237.
Stylina Gaulardi Michelin, Iconogr. zoophyt. Tb. 21. Fig. 5.
Stylina microphthalma Blainville, Dict. sc. nat. LX. 317.
5. — *auleticon* Gf. (74) 69 Fig. 2. *Heliastrea Ellisana* cf. Taf. 24. Fig. 12.
6. — *conoidea* Gf. (74) 70 Fig. 3. — *Stylina alveolata* M. Edwards cf. Taf. 22. Fig. 3.

Catenipora Lamck.

1. *Catenipora escharoides* Lamck (74) 70 — *Halysites escharoides* M. Edwards, brit. foss. Corals V. 272. Tb. 64.
Fig. 4. Fig. 2; Polyp. palaeoz. 284
Halysites Jacowickyi Fischer, Note sur des Tubip. foss. 15. Fig. 5. 6.
Catenipora exilis, *reticulata* Eichwald, Zool. spec. I. 192. Tb. 2. Fig. 11. 13.
Halysites catenulata Keyserling, Reise Petschoraland 175.
2. — *labyrinthica* Gf. (75) 71 Fig. 5. — *Halysites catenularia* M. Edwards, brit. foss. Corals V. 270. Tb. 64.
Fig. 1; Polyp. palaeoz. 281.
Halysites attenuata, *dichotoma*, *microstoma*, *stenostoma* Fischer, Note sur des Tubip. foss. 16. Fig. 4.
Catenipora approximata, *distans*, *communicans* Eichwald, Zool. spec. I. 192. Tb. 2. Fig. 9. 10.
Catenipora escharoides Lonsdale, M. K. V. Russia and Ural 685. Tb. 15b. Fig. 14.
Halysites labyrinthica Gr. Keyserling, Reise in das Petschoraland 175.
Catenipora agglomerata Hall, Palaeontol. New-York II. 129. Tb. 35b. Fig. 2.
Catenipora Michelini Castelnau, Terrain silur. Amer. sept. 45. Tb. 17. Fig. 2.

Syringopora Gt.

1. *Syringopora verticillata* Gf. (76) 71. Fig. 6. M. Edwards, Polyp. palaeoz. 291.
Harmodytes verticillata d'Orbigny, Pal. stratigr. I. 50.
2. — *ramulosa* Gf. (76) 71 Fig. 7. M. Edwards, brit. foss. Corals III. 161. Tb. 46. Fig. 3; Polyp. palaeoz. 289.
Harmodytes ramulosus Keyserling, Reise in das Petschoraland 174.
3. — *reticulata* Gf. (76) 72 Fig. 8. M. Edwards, brit. foss. Corals III. 162. Tb. 46. Fig. 1; Polyp. palaeoz. 290.
— Lonsdale, Murchison Silur. System 684. Tb. 15b. Fig. 10.
Syringopora catenata McCoy, Synopsis carb. foss. Ireland 189.
Harmodites strues d'Orbigny, Pal. stratigr. I. 162.
4. — *caespitosa* Gf. (76) 72 Fig. 9. M. Edwards, Polyp. palaeoz. 294. — Lonsdale, Murchison, Silur. System 685. Tb. 15b. Fig. 13. — Geinitz, Versteiner. Grauwackform. II. 74. Taf. 17. Fig. 1.
Harmodites caespitosa d'Orbigny, Pal. stratigr. I. 109.

Tafel 26.

Calamopora Gf.

1. *Calamopora alveolaris* Gf. (77) 72 Fig. 1 a.c. — *Favosites alveolaris* M. Edwards, Polyp. palaeoz. 234; Hist. nat. Coralliaires III. 252. — Lonsdale, Murchison Silur. System 681. Tb. 15b. Fig. 1. 2.
Calamopora radians Castelnau, Terr. silur. Ameriq. Tb. 18. Fig. 1.
Favosites prismaticus Steininger, Mém. soc. géol. France 1834. I. 335.
- Fig. 1 b. — *Favosites aspera* M. Edwards, brit. foss. Corals V. 257. Tb. 60. Fig. 3; Polyp. palaeoz. 234.
2. — *favosa* Gf. (77) 73 Fig. 2. — *Favosites favosa* M. Edwards, Polyp. palaeoz. 233; Hist. nat. Coralliaires III. 248.
3. — *gothlandica* Gf. (78) 73 Fig. 3 a.e. — *Favosites gothlandica* M. Edwards, brit. foss. Corals V. 256. Tb. 60. Fig. 1; Polyp. palaeoz. 232. — Lonsdale, Murchison Silur. System 682. Taf. 15b. Fig. 3-4.
Favosites subbasaltica d'Orbigny, Pal. stratigr. I. 49.
Favosites niagarensis Hall, Palaeontol. New-York II. 125. Tb. 34a. Fig. 4. Tb. 73. Fig. 1.

- Fig. 3 b. c. — *Favosites Goldfussi* M. Edwards, brit. foss. Corals IV. 214. Tb. 47. Fig. 3; Polyp. palaeoz. 235. Tb. 20. Fig. 3.
Favosites gothlandica Phillips, palaeoz. foss. 16. Tb. 7. Fig. 21.
4. *Calamopora basaltica* Gf. (78) 73 Fig. 4.
 Fig. 4 b. — *Favosites Forbesi* M. Edwards, brit. foss. Corals V. 257. Tb. 60. Fig. 2; Polyp. palaeoz. 238.
 Fig. 4 c. d. — *Favosites basaltica* M. Edwards, Polyp. palaeoz. 236; Hist. nat. Coralliaires III. 249.

Tafel 27.

5. *Calamopora infundibulifera* Gf. (78) Fig. 1. — *Roemeria infundibulifera* M. Edwards, Polyp. palaeoz. 253; Hist. nat. Coralliaires III. 252.
Alveolites infundibuliformis Blainville, Manuel Actinol. 404.
6. — *polymorpha* Gf. (79) 74 Fig. 2. Cf. Roemer in Bronn, Lethaea geogn. II. 175
- var. α . Fig. 2 b. c. d. — *Favosites polymorpha* M. Edwards, Polyp. palaeoz. 237; Hist. nat. Coralliaires III. 251.
Alveolites polymorpha Blainville, Manuel Actinol. 404.
- var. β . Fig. 3 a. — *Favosites cervicornis* M. Edwards, brit. foss. Corals IV. 216. Tb. 48. Fig. 2.
Alveolites cervicornis Blainville, Manuel Actinol. 405.
Thamnopora milleporacea Steininger, Mém. soc. géol. 1831. I. 338.
Favosites cornigera u. *Alveolites celleporatus* d'Orbigny, Pal. stratigr. I. 107.
- Fig. 3 b. c. — *Favosites polymorpha*.
- var. γ . Fig. 4 a. b. c. — *Favosites cervicornis* ef. Fig. 3a.
Calamopora celleporata Geinitz, Versteiner. Grauwackform. II. 79. Taf. 16. Fig. 43. 44.
- var. δ . Fig. 5. — *Favosites dubia* M. Edwards, brit. foss. Corals IV. 216; Polyp. palaeoz. 243; Hist. nat. Coralliaires III. 255.
Alveolites dubia Blainville, Manuel Actinol. 405.
Thamnopora madreporacea Steininger, Mém. soc. géol. 1831. I. 338.
Alveolites cervicornis Michelin, Iconogr. zoophyt. 187. Tb. 48. Fig. 2; Tb. 49. Fig. 3.
Favosites gracilis Sandberger, Versteiner. rhein. Schichtsys. Nassau 409. Taf. 36. Fig. 10.
Calamopora celleporata Geinitz, Grauwackenform. Sachsen II. 79. Taf. 16. Fig. 43. 44.

Tafel 28.

7. *Calamopora spongites* Gf. (80) 76
 var. α . Fig. 1 a—h. — *Alveolites suborbicularis* M. Edwards, brit. foss. Corals IV. 219. Tb. 49. Fig. 1; Polyp. palaeoz. 255.
Alveolites escharoidea Blainville, Manuel Actinol. 404.
Favosites spongites Phillips, palaeoz. foss. 16. Tb. 8. Fig. 23. — Lonsdale, Murchison Silur. Syst. 683. Tb. 15b. Fig. 8.
Calamopora suborbicularis, squamosa, imbricata Michelin, Iconogr. zoophyt. 188. Tb. 48. Fig. 7. Tb. 49. Fig. 15.
Favosites suborbicularis, Alveolites tuberosa d'Orbigny, Pal. stratigr. I. 107. 108.
- var. β . Fig. 2 a—g. — *Favosites reticulata* M. Edwards, brit. foss. Corals IV. 215. Tb. 48. Fig. 1; Polyp. palaeoz. 241.
Alveolites reticulata Blainville, Manuel Actinol. 404.
Alveolites spongites d'Orbigny, Pal. stratigr. I. 108.
Favosites Orbignyana Verneuil, Bullet. soc. géol. 1850. VII. 162.
8. — *fibrosa* Gf. (82) 77 Fig. 3 a. b. — *Favosites fibrosa* Phillips, Palaeoz. foss. 17. Tb. 9. Fig. 25. — M. Edwards, brit. foss. Corals IV. 217. Tb. 48. Fig. 3.
Favosites microporus Steininger, Mém. soc. géol. 1831. I. 337.
Alveolites fibrosa Lonsdale, Murchison Silur. System 683. Tb. 15. Fig. 1.
Astrocerium constrictum Hall, Palaeontology New-York II. 123. Tb. 34a. Fig. 2. 3.
- Fig. 4. — *Alveolites repens* M. Edwards, Hist. nat. Coralliaires III. 268. — Giebel, Silur. Fauna Unterharz 59. Taf. 6. Fig. 15.
 Geinitz, Versteiner. Grauwackform. II. 80. Taf. 16. Fig. 45. Taf. 17. Fig. 12.
Millepora repens Hisinger, Lethaea suecica 102. Tb. 29. Fig. 5.

Tafel 29.

Aulopora Gf.

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| 1. Aulopora serpens Gf. (82) 78 | Fig. 1. | — <i>Aulopora repens</i> M. Edwards, Polyp. palaeoz. 312; Hist. nat. Coralliaires III. 320. — Bronn, Lethaea geogn. II. 187. Taf. 5. Fig. 10. Alecto serpens Steininger, Mém. soc. géol. 1831. I. 341. Tb. 20. Fig. 9. Aulopora reticulum Steininger, Versteiner. Eifel 13. |
| 2. — tubaeformis Gf. (83) 78 | Fig. 2. | M. Edwards, Polyp. palaeoz. 313; Hist. nat. Coralliaires III. 321. — Lonsdale, Murchison Silur. Syst. 676. Tb. 15. Fig. 8. Alecto tubaeformis Steininger, Mém. soc. géol. 1831. I. 341. |
| 3. — spicata Gf. (83) 79 | Fig. 3. | — <i>Aulopora conglomerata</i> cf. Nr. 4. |
| 4. — conglomerata Gf. (83) 79 | Fig. 4. | M. Edwards, Polyp. palaeoz. 313; Hist. nat. Coralliaires III. 321. — Lonsdale, Murchison Silur. System 675. Tb. 15. Fig. 9. |
| 5. — compressa Gf. (84) 79 Taf. 38. | Fig. 57. | Diastopora Lamouroux Haime, Mém. soc. géol. France 1854. V. 183. Tb. 8. Fig. 1. — Cf. unten. |
| Achilleum cheirotontum Gf. | Fig. 5. | Cf. Taf. 1. |
| — morchella Gf. | Fig. 6. | Cf. Taf. 1. |
| Manon pulvinarium Gf. | Fig. 7. | Sparcispongia pulvinaria und Trematospongia sphaerica d'Orbigny, Pal. stratigr. II. — Cf. Taf. 1. Fig. 6. |
| — peziza Gf. | Fig. 8. | Limnorea sphaerica Michelin, Iconogr. zoophyt. Tb. 52. Fig. 12. Cf. Taf. 1. Fig. 7. |

Tafel 30.

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| Tragos pisiforme Gf. | Fig. 1. | Taf. 5. Fig. 5. |
| — stellatum Gf. | Fig. 2. | Cnemidium stellosum Geinitz, Quadersandsteingeb. 256. — Cf. Taf. 5. Fig. 10. |
| Cnemidium stellatum Gf. | Fig. 3. | Reuss, Versteiner. böhm. Kreidegeb. II. 71. Taf. 16. Fig. 1. — Quenstedt, Jura 676. c. Fig. — Cf. Taf. 6. Fig. 2. |
| Tragos tuberosum Gf. | 80 Fig. 4. | — <i>Mammillipora protogaea</i> Bronn, Lethaea geogn. IV. 79. Taf. 16. Fig. 5. |
| Siphonia incrassata Gf. | Fig. 5. | Michelin, Iconogr. zoophyt. 138. Tb. 40. Fig. 1. — Cf. Taf. 6. |
| Madrepora palmata Gf. | Fig. 6. | Siphonia punctata Roemer, nordd. Kreidegeb. 4. — <i>Astrohelix palmata</i> M. Edwards, Ann. sc. nat. 1849. XIII. 74; Hist. nat. Coralliaires II. 111. — Fromentel, Introduct. Polyp. foss. 178. — Cf. Taf. 8. |
| — glabra Gf. | Fig. 7. | Astrelia palmata d'Orbigny, Pal. stratigr. III. 146. — <i>Pocillopora madreporacea</i> M. Edwards, Polyp. palaeoz. 157; Hist. nat. Coralliaires III. 308. — Cf. Taf. 8. |
| Eschara disticha Gf. | Fig. 8. | Diastopora disticha Roemer, Versteiner. nordd. Kreidegeb. 21. — Cf. Taf. 8. |
| Retepora fenestra Gf. | Fig. 9. | |
| Coseinopora infundibuliformis Gf. | Fig. 10. | Seyphia coseinopora Roemer, Versteiner. nordd. Kreidegeb. 9. |
| Ceripora polymorpha Gf. | Fig. 11. | Cf. Taf. 10. Fig. 5. |
| — stellata Gf. 87 | Fig. 12. | — <i>Defrancia stellata</i> Reuss, Haidingers naturwissensch. Abhandlgn. II. 37. Taf. 6. Fig. 2. — Cf. Taf. 11. Fig. 11. |
| — mitra Gf. | Fig. 13. | Domopora tuberculata d'Orbigny, Terr. crétac. Tb. 648. Fig. 1—4. Pagrus mitra Geinitz, Quadersandgeb. 242. — Cf. Taf. 11. |

Tafel 31.

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| 29. Ceripora stellata Gf. (85) 81 | Fig. 1. | — <i>Stellipora stellata</i> v. Hagenow. Bryozoen Maastricht 44. |
| 30. — venosa Gf. (86) 81 | Fig. 2. | Chrysaora pustulosa Roemer, Versteiner. nordd. Kreidegeb. 24. |

6. Achilleum muricatum Gf. (86) 81 Fig. 3.
 32. Scyphia foraminosa Gf. (86) 81 Fig. 4.
 3. — cylindrica Gf. (86) 82 Fig. 5.
 33. — paradoxa Mstr. (86) 82 Fig. 6.
 34. — Sacki Gf. (87) 82 Fig. 7.

Tafel 32.

35. Scyphia empleura Mstr. (87) 82 Fig. 1. Spongites lamellosus Quenstedt, Jura 685. Taf. 83. Fig. 2.
 Cribrocoelia empleura Etallon.
 22. — rugosa Gf. (87) 83 Fig. 2. Cupulocoelia rugosa Thurmann u. Etallon, neue schweiz. Denkschriften
 var. infundibuliformis XX. 428. Taf. 59. Fig. 17.
 36. — striata Mstr. (88) 83 Fig. 3. Goniospongia striata d'Orbigny, Pal. stratigr. I. 389.
 Gonioscyphia striata Fromentel, Introd. Épong. foss. 41.
 Cribrocoelia striata Etallon, Etudes pal. Haut Jura 135.
 Scyphia texata Gf. Fig. 4.
 37. — Buchi Mstr. (88) 83 Fig. 5.
 9. — texturata Gf. (88) 84 Fig. 6.
 38. — Münsteri Gf. (89) 84 Fig. 7.
 39. — propinqua Mstr. (89) 84 Fig. 8.

Tafel 33.

40. Scyphia cancellata Mstr. (89) 84 Fig. 1. Spongites cancellatus Quenstedt, Jura 684. Taf. 83. Fig. 6.
 41. — decorata Mstr. (90) 85 Fig. 2.
 42. — Humboldti Mstr. (90) 85 Fig. 3.
 43. — Sternbergi Mstr. (90) 85 Fig. 4.
 44. — Schlotheimi Mstr. (90) 86 Fig. 5.
 45. — Schweiggeri Gf. (91) 86 Fig. 6. Dictyonocoelia Schweiggeri Etallon, Etudes pal. Haut Jura 137.
 Cribrospongia Schweiggeri d'Orbigny, Pal. stratigr. I. 388.
 46. — secunda Mstr. (91) 86 Fig. 7.
 11. — verrucosa Gf. (91) 86 Fig. 8 a. Quenstedt, Jura 668. Taf. 81. Fig. 86.
 Cf. Taf. 2. Fig. 11.
 Fig. 8 b. c. Verrucocoelia uvaeformis Etallon.
 47. — Bronni Mstr. (91) 86 Fig. 9. Quenstedt, Jura 697. Taf. 84. Fig. 20.
 Parendeia Bronni Etallon, Etudes pal. Haut Jura 142.
 Hippalimus Bronni d'Orbigny, Pal. stratigr. I. 370.
 48. — milleporacea Mstr. (92) 87 Fig. 10.
 8. — pertusa Gf. (92) 87 Fig. 11. Cf. Taf. 3. Fig. 5.
 49. — cellulosa Mstr. (92) 87 Fig. 12. — *Cellepora globularis* Bronn, Lethaea geogn. VI. 265. Taf. 35. Fig. 15. —
 Reuss, Haidingers naturwissensch. Abhandlgn. II. 76. Taf. 9. Fig. 11—15.
 — ? *Cellepora coronopus* Wood, Busk, Crag Polyzoa 57. Tb. 9. Fig. 3.
Cellepora parasitica Michelin, Iconogr. zoophyt. 326. Tb. 78. Fig. 3. —
Cellepora conglomerata Reuss, Wiener Sitzungsberichte L. 33. Taf. 14.
 Fig. 3. 4.

Tafel 34.

50. Scyphia intermedia Mstr. (92) 87 Fig. 1. Quenstedt, Jura 697. Taf. 84. Fig. 19.
 Parendeia intermedia Etallon, Etudes pal. Haut Jura 141.

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| 51. Scyphia Neesi Gf. (93) 88 | Fig. 2. | Spongites reticulatus Quenstedt, Jura 694. Taf. 84. Fig. 2. 3. |
| 7. Achilleum truncatum Gf. (93) 88 | Fig. 3. | |
| 8. — tuberosum Mstr. (93) 88 | Fig. 4. | ? Chaetetes polyporus Quenstedt, Jura 700. Taf. 84. Fig. 34. 35.
Amorphospongia tuberosa d'Orbigny, Pal. stratigr. I. 392.
Amorphofungia tuberosa Fromentel, Introd. Epong. foss. 50. |
| 9. — cancellatum Mstr. (93) 88 | Fig. 5. | ? Chaetetes polyporus Quenstedt, Jura 700. Taf. 84. Fig. 34. 35. |
| 10. — cariosum Gf. (94) 88 | Fig. 6. | |
| 11. — costatum Mstr. (94) 89 | Fig. 7. | Quenstedt, Jura 695. Taf. 84. Fig. 8.
Astrospongia costata Etallon. — Stellispongia costata d'Orbigny, Pal. stratigr. II. 391. |
| 4. Manon peziza Gf. (94) 89 | Fig. 8. | Quenstedt, Jura 698. Taf. 84. Fig. 25. |
| 8. — marginatum Mstr. (94) 89 | Fig. 9. | Quenstedt, Jura 668. Taf. 81. Fig. 94. |
| | Fig. 9 d. e. f. g. | Porospongia marginata d'Orbigny, Pal. stratigr. II. 388.
Porostoma marginata Fromentel, Introd. Epong. foss. 43. |
| 9. — impressum Mstr. (95) 90 | Fig. 10. | Quenstedt, Jura 669. Taf. 81. Fig. 95. |

Tafel 35.

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| 7. Tragos acetabulum Gf. (95) 90 | Fig. 1. | Cf. Taf. 5. Fig. 9. |
| var. verrucosa. | | |
| 8. — patella Gf. (96) 90 | Fig. 2. | Cf. Taf. 5. Fig. 10.
Cupulospongia patella d'Orbigny, Pal. stratigr. I. 391.
Cupulochonia patella Fromentel, Introd. Epong. foss. 45. |
| 11. — radiatum Mstr. (96) 91 | Fig. 3. | — <i>Cnemidium rimulosum</i> cf. Taf. 6. Fig. 4.
Quenstedt, Jura 679. |
| 12. — rugosum Mstr. (96) 91 | Fig. 4. | Quenstedt, Jura 678. Taf. 82. Fig. 5. |
| 13. — reticulatum Mstr. (96) 91 | Fig. 5. | ? Tragos rugosum cf. Nr. 12 |
| 14. — verrucosum Mstr. (96) 91 | Fig. 6. | |
| 8. Cnemidium granulosum Mstr. (97) 91 | Fig. 7. | — <i>Cnemidium rimulosum</i> cf. Taf. 6. Fig. 4. |
| 9. — astrophorum Mstr. (97) 91 | Fig. 8. | Spongites astrophorus Quenstedt, Jura 696. Taf. 84. Fig. 12—18. |
| | Fig. 8 b. | Parendea astrophora Thurmann und Etallon, neue schweiz. Denkschriften XX. 420. Taf. 58. Fig. 29. |
| | Fig. 8 a. c. | Stellispongia pertusa Thurmann u. Etallon, neue schweiz. Denkschriften XX. 423. Taf. 59. Fig. 4. |
| 10. — capitatum Mstr. (97) 92 | Fig. 9. | |
| 1. Siphonia piriformis Gf. (97) 92 | Fig. 10. | Siphonia radiata Quenstedt, Jura 679. Taf. 82. Fig. 13. |
| 6. — cervicornis Gf. (98) 92 | Fig. 11. | Taf. 6. Fig. 11. |
| 7. — ampullacea Mstr. (98) 92 | Fig. 12. | |

Tafel 36.

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| 1. Gorgonia anceps Schloth (98) 93 | Fig. 1 a. b. c. d. | — <i>Acanthocladia anceps</i> King, Permian Fossils 48. Tb. 5. Fig. 13—18. |
| 4. — infundibuliformis Gf. (98) 93 | Fig. 2. | — <i>Fenestella infundibuliformis</i> Roemer, rheinisch-westphäl. Verhandlg. 1850. VII. 77.
Polypora infundibuliformis Graf Keyserling, Reise in das Petschoraland 190. |
| | Fig. 2 b. c. | — <i>Fenestella retiformis</i> cf. Taf. 10. Fig. 1a. |
| 5. — antiqua Gf. (99) 94 | Fig. 3. | <i>Fenestella antiqua</i> Lonsdale, Murchison Silur. System 678. Tb. 15. Fig. 16. |

Fig. 3 b. — *Fenestella retiformis* cf. Taf. 10. Fig. 1a.2. *Isis reteporacea* Gf. (99) 94 Fig. 4. ?**Glauconome Gf.**

1. *Glauconome marginata* Gf. (100) 95 Fig. 5. — *Salicornia marginata* Reuss, Wiener Sitzungsberichte L. 16. Taf. 13. Fig. 9.
Cellaria marginata Reuss, Haidingers naturwiss. Abhandlgn. II. 89. Taf. 7. Fig. 28, 29.
2. — *rhombifera* Mstr. (100) 95 Fig. 6. — *Salicornia rhombifera* Reuss, Wiener Sitzungsberichte L. 15. Taf. 14. Fig. 7, 8, 10.
Eschara rhombifera Reuss, Versteiner. böhm. Kreidegeb. II. 67. Taf. 15. Fig. 28. — Giebel, Zeitg. f. Zool. Zoot. Pal. 1848. 19.
3. — *tetragona* Mstr. (100) 93 Fig. 7. — *Salicornia fragilis* M. Edwards.
4. — *hexagona* Mstr. (101) 95 Fig. 8. — *Vincularia hexagona* Blainville, Dict. sc. nat. LX. 418. — Bronn, Lethaea geogn. VI. 263. Taf. 35. Fig. 16.
Cellaria hexagona Philippi, Versteiner. nordd. Tertgeb. 37.
11. *Eschara substriata* Mstr. (101) 95 Fig. 9. Reuss, Wiener Sitzungsberichte L. 72.
12. — *celleporacea* Mstr. (101) 96 Fig. 10. — *Lepralia annulata* Reuss, Wiener Sitzungsberichte L. 21. Taf. 12. Fig. 7.
13. *Cellepora annulata* Mstr. (101) 96 Fig. 11. — *Lepralia tristoma* Reuss, Wiener Sitzungsberichte L. 26. Taf. 12. Fig. 10.
Lepralia Morrisana Busk, Crag Polyzoa 43. Tb. 7. Fig. 8.
Reptescharellina triceps Roemer, nordd. Polypar. 13. Taf. 2. Fig. 16.
12. — *tristoma* Gf. (102) 96 Fig. 12. — *Lepralia gracilis* Reuss, Wiener Sitzungsberichte L. 19. Taf. 13. Fig. 1.
Eschara andegavensis Michelin, Iconogr. zoophyt. 329. Taf. 78. Fig. 11.
Cellepora gracilis Reuss, Haidingers naturwiss. Abhandlgn. II. 93. Taf. 11. Fig. 12.
13. — *gracilis* Mstr. (102) 96 Fig. 13. — *Diastopora echinata* Reuss, Haidingers naturwiss. Abhandlgn. II. 52. Taf. 7. Fig. 14, 15.
Proboscina echinata Reuss, Wiener Sitzungsberichte L. 61. Taf. 10. Fig. 4, 5.
Tubulipora echinata und *trifaria* Roemer.
14. — *echinata* Mstr. (102) 96 Fig. 14. — *Lepralia pustulosa*.
15. — *pustulosa* Mstr. (102) 96 Fig. 15. Giebel, Ztg. f. Zool. Zootom. Pal. 1848. 18.
16. — *hexagonalis* Mstr. (102) 97 Fig. 16. *Discopora hexagonalis* Reuss, Versteiner. böhm. Kreidegeb. II. 69. Taf. 15. Fig. 9.
Eschara sexangularis M. Edwards, Ann. sc. nat. 1836. VI. 339. Tb. 12. Fig. 16.
8. *Retepora cancellata* Gf. (103) 97 Fig. 17. — *Idmonea cancellata* Reuss, Haidingers naturwiss. Abhandlgn. II. 46. Taf. 5. Fig. 25—27. Taf. 6. Fig. 33. — v. Hagenow, Bryozoen Maastricht 29. Taf. 2. Fig. 7.
9. — *vibicata* Gf. (103) 97 Fig. 18. Reuss, Wiener Sitzungsberichte L. 49. Taf. 10. Fig. 8.
Retepora cellulosa Lamek. Reuss, Haidingers naturwiss. Abhandlgn. II. 47. Taf. 6. Fig. 34.
10. — *prisca* Gf. (103) 97 Fig. 19. — *Fenestella prisca* Lonsdale, Murchison Silur. System 678. Tb. 15. Fig. 18.

Tafel 37.**Conodictyum Gf.**

1. *Conodictyum striatum* Mstr. (104) 98 Fig. 1. Bronn, Lethaea geogn. IV. 25. Taf. 16. Fig. 7. — Quenstedt, Jura 666. Taf. 81. Fig. 70.
Conipora striata Blainville, Dict. sc. nat. LX. 403.
2. *Flustra lanceolata* Gf. (104) 98 Fig. 2. — *Ptilodictya lanceolata* Lonsdale, Murchison Sil. Syst. 676. Tb. 15. Fig. 11.
— Bronn, Lethaea geogn. II. 165. Taf. 5b. Fig. 2.
26. *Ceriopora diadema* Gf. (104) 98 Fig. 3. — *Ceriopora conjuncta* (245).
Euskia tabulifera Reuss, Wiener Sitzungsberichte L. 64. Taf. 8. Fig. 1—4.
Radiopora tabulifera Roemer.

31. *Ceriopora disciformis* Mstr. (105) 99 Fig. 4. — *Defrancia disciformis* Reuss, Versteiner. böhm. Kreidegeb. II. 64. Taf. 14. Fig. 34. Diastopora disciformis Roemer.
32. — *compressa* Mstr. (105) 99 Fig. 5.
33. — *variabilis* Mstr. (105) 99 Fig. 6. *Spiropora variabilis* Reuss, Wiener Sitzungsberichte L. 67. Taf. 7. Fig. 9. 10. *Peripora variabilis* Roemer.
3. *Lunulites rhomboidalis* Mstr. (105) 99 Fig. 7. — *Lunulites umbellatus* Defrance, Dict. sc. nat. XXVII. 36. Tb. 47. Fig. 1. — Bronn, Lethaea geogn. VI. 270. Taf. 35³. Fig. 12. *Lunulites intermedia* Michelin, Iconogr. zoophyt. Tb. 15. Fig. 7.
4. — *perforata* Mstr. (106) 100 Fig. 8. Reuss, Wiener Sitzungsberichte L. 72.
9. *Lithodendron gibbosum* Mstr. (106) 100 Fig. 9. — *Synhelia gibbosa* Milne Edwards, Hist. nat. Coralliaires II. 114. — Reuss, Kreideschichten in den Ostalpen 83. *Oculina gibbosa* Reuss, Kreideversteiner. Böhmen II. 61. Taf. 14, Fig. 35. 36.
10. — *elegans* Mstr. (106) 100 Fig. 10. — *Enallhelia elegans* M. Edwards. Quenstedt, Jura 713. Taf. 87. Fig. 6.
11. — *compressum* Mstr. (106) 100 Fig. 11. — *Enallhelia compressa* M. Edwards Bronn, Lethaea geogn. IV. 98. Taf. 45. Fig. 6. Quenstedt, Jura 712. Taf. 86. Fig. 5.
12. — *granulosum* Gf. (107) 100 Fig. 12. — *Cladocora granulosa* Milne Edwards, Ann. se. nat. 3 ser. XI. 309; Hist. nat. Coralliaires II. 597. *Cladocora caespitosa* Reuss, Haidingers naturwiss. Abhandlgn. II. 20. Taf. 3. Fig. 6—8. — Bronn, Lethaea geogn. VI. 299. Taf. 36. Fig. 6. *Caryophyllia reptans* Michelotti, Spec. zoophyt. diluv. 85. Tb. 3. Fig. 4.
6. *Anthophyllum turbinatum* Gf. (107) 101 Fig. 13. — *Montlivaltia turbinata* M. Edwards, Hist. nat. Coralliaires II. 306.
7. — *obconicum* Mstr. (107) 101 Fig. 14. — *Montlivaltia dispar* M. Edwards, brit. foss. Corals II. 80. Tb. 14. Fig. 2. *Montlivaltia dilatata*, Moreausiaca und obconica M'Coy, Ann. magaz. nat. Hist. 1848. II. 419. *Thecophyllia arduennensis* und *Lasmophyllia radisensis* d'Orbigny, Pal. stratigr. I. 384; II. 30. Quenstedt, Jura 708. Taf. 86. Fig. 8.
8. — *sessile* Mstr. (108) 101 Fig. 15. — *Montlivaltia sessilis* M. Edwards, Hist. nat. Coralliaires II. 318. — Cf. Taf. 65. Fig. 3. *Thecophyllia sessilis* d'Orbigny, Pal. stratigr. I. 384.
1. *Diploctenium cordatum* Gf. (107) 101 Fig. 16. — *Diploctenium lunatum* Michelin, Iconogr. zoophyt. Tb. 65. Fig. 8. — Reuss, Kreideschichten in den Ostalpen 88. Taf. 1. Fig. 7—12. *Diploctenium Goldfussanum* d'Orbigny, Pal. stratigr. II. 276.
7. *Turbinolia cuneata* Gf. (108) 101 Fig. 17a. — *Flabellum aricula* Michelin, Iconogr. Polyp. foss. Tb. 9. Fig. 11. — Fromentel, Introduct. Polyp. foss. 88. Fig. 17b. — *Flabellum Hohei* M. Edwards, Hist. nat. Coralliaires II. 84. — Fromentel, Introduct. Polyp. foss. 89.
10. — *lineata* Gf. (108) 102 Fig. 18. — *Trochoeyathus lineatus* Milne Edwards, Hist. nat. Coralliaires II. 33.
11. — *intermedia* Mstr. (108) 102 Fig. 19. — *Sphenotrochus intermedius* M. Edwards, brit. foss. Corals I. 2. Tb. 1. Fig. 1. — Reuss, Wiener Sitzungsberichte L. 5. — Keferstein, geolog. Zeitschrift 1859. XI. 358. *Turbinolia Milletana* Wood, Ann. mag. nat. Hist. 1844. XIII. 12. *Sphenotrochus Roemeri* M. Edwards, brit. foss. Corals I. 5.
12. — *granulata* Mstr. (108) 102 Fig. 20. — *Trochoeyathus granulatus* M. Edwards, Hist. nat. Coralliaires II. 29. *Cyathina granulata* Keferstein, geolog. Zeitschrift 1859. XI. 366. *Caryophyllia granulata* Reuss, Wiener Sitzungsberichte L. 2. *Cyathina Nauckana* Reuss, Wiener Sitzungsberichte XVIII. 265. Taf. 12.

Tafel 38.

4. *Maeandrina Soemmeringi* Mstr. (109) 102 Fig. 1. — *Latomaeandra Soemmeringi* M. Edwards, Hist. nat. Coralliaires II. 545. — Fromentel, Introduct. Polyp. foss. 159. *Microphyllia Soemmeringi* d'Orbigny, Pal. stratigr. I. 387. Quenstedt, Jura 705. Taf. 85. Fig. 13.
5. — *agaricites* Gf. (109) 102 Fig. 2. — *Latomaeandra agaricites* Reuss, Kreideschichten in den Ostalpen 108. Taf. 11. Fig. 4. 5. *Stelloria agaricites* M. Edwards, Hist. nat. Coralliaires II. 411. — Fromentel, Introduct. Polyp. foss. 169.

5. *Agaricia Svinderenana* Gf. (109) 103 Fig. 3. — *Thecia Svinderenana* M. Edwards, brit. foss. Corals V. 278. Tb. 65. Fig. 7; Polyp. palaeoz. 306. — F. Roemer, neues Jahrbuch f. Mineral. 1858. 266.
Porites expatiata Lonsdale, Murchison Silur. Syst. 687. Tb. 15. Fig. 3.
Astreopora expatiata d'Orbigny, Pal. stratigr. I. 50.
Palaeopora expatiata McCoy, brit. palaeoz. Foss. 14.
6. — *granulata* Mstr. (109) 103 Fig. 4. *Aetinaraea granulata* d'Orbigny, Pal. stratigr. I. 387.
Agaricia foliacea Quenstedt, Jura 705. Taf. 85. Fig. 14.
Microsolena granulata Milne Edwards, Hist. nat. Coralliaires III. 198.

Explanaria Lamck.

1. *Explanaria lobata* Mstr. (110) 103 Fig. 5. — *Stylina lobata* Thurmann u. Etallon, neue schweiz. Denkschriften XX. 369. Taf. 51. Fig. 11.
Stylina tubulifera M. Edwards, brit. foss. Corals II. 76. Tb. 14. Fig. 3.
2. — *alveolaris* Gf. (110) 104 Fig. 6. — *Pleurocoenia alveolaris* Milne Edwards, Polyp. palaeoz. 119; Hist. nat. Coralliaires II. 620.
Latusastraea alveolaris d'Orbigny, Pal. stratigr. I. 387.
Quenstedt, Jura 714. Taf. 87. Fig. 9.
29. *Astraea limbata* Gf. (110) 104 Fig. 7. — *Stylina limbata* ef. Taf. 8. Fig. 7.
Quenstedt, Jura 701. Taf. 85. Fig. 1.
3. — *concinna* Gf. (111) 104 Fig. 8. ? *Astrocoenia*.
30. — *formosa* Gf. (111) 104 Fig. 9. — *Stephanocoenia formosa* M. Edwards, Hist. nat. Coralliaires II. 268. —
Reuss, Kreideschichten in den Ostalpen 97. Taf. 8. Fig. 7—9.
Astraea concinna Taf. 22. Fig. 1. Auctore Reuss.
31. — *reticulata* Gf. (111) 104 Fig. 10 a. d. — *Astrocoenia decaphylla* M. Edwards, Hist. nat. Coralliaires II. 259. —
Reuss, Kreideschichten in den Ostalpen 94. Taf. 8. Fig. 4—5.
Astraea decaphylla Michelin, Iconogr. zoophyt. 302. Tb. 72. Fig. 1.
Fig. 10 b. c. — *Astrocoenia reticulata* M. Edwards, Hist. nat. Coralliaires II. 256. —
Reuss, Kreideschichten in den Ostalpen 95. Taf. 14. Fig. 13.
Astraea octolamellosa Michelin, Iconogr. zoophyt. Tb. 72. Fig. 2.
32. — *striata* Gf. (111) 105 Fig. 11. — *Columnastraea striata* M. Edwards, Hist. nat. Coralliaires II. 263. —
Reuss, Kreideschichten in den Ostalpen 98. Taf. 14. Fig. 1. 2.
Astraea variolaris u. *striatata* Michelin, Iconogr. zoophyt. Tb. 71. Fig. 6. 7.
Phyllocoenia variolaris u. *Columellastraea striata* d'Orbigny, Pal. stratigr. II. 204. 206.
33. — *pentagonalis* Mstr. (112) 105 Fig. 12. — *Astrocoenia pentagonalis* Milne Edwards, Hist. nat. Coralliaires II. 261.
Fromentel, Introd. Polyp. foss. 244. — Thurmann u. Etallon, neue schweiz. Denkschriften XX. 374. Taf. 52. Fig. 11.
34. — *gracilis* Mstr. (112) 105 Fig. 13. — *Thamnastraea gracilis* Milne Edwards, Hist. nat. Coralliaires II. 561.
Centrastraea gracilis d'Orbigny, Pal. stratigr. I. 387.
35. — *explanata* Mstr. (112) 105 Fig. 14. — *Isastraea explanata* M. Edwards, brit. foss. Corals II. 94. Tb. 18. Fig. 1;
Hist. nat. Coralliaires II. 527.
Astraea helianthoides McCoy, Ann. mag. nat. Hist. 1848. II. 408.
Astraea favosoides Phillips, Geol. Yorkshire I. 126. Tb. 3. Fig. 7.
Siderastraea explanata Blainville, Diet. se. nat. LX. 337.
36. — *tubulosa* Mstr. (112) 106 Fig. 15. — *Stylina tubulosa* Bronn, Lethaea geogn. IV. 108. Taf. 16. Fig. 20.
? *Explanaria lobata* ef. Fig. 5.
Quenstedt, Jura 702. Taf. 85. Fig. 8.
5. *Syringopora filiformis* Gf. (113) 106 Fig. 16. — *Syringopora fascicularis* M. Edwards, brit. foss. Corals V. 274. Tb. 65.
Fig. 1; Polyp. palaeoz. 293. — Lonsdale, Murchison Silur. Syst. 685.
Tb. 15b. Fig. 12.
Harmodites filiformis, *anglica* und *irregularis* d'Orbigny, Pal. stratigr. I. 50. 51.
Aulopora serpens Blainville, Manuel Aetiol. Tb. 81. Fig. 1.
Aulopora tubaeformis Lonsdale, Murchison Silur. Syst. 676. Tb. 15. Fig. 8.
Heliolithes interstinctus F. Roemer, neues Jahrb. f. Mineral. 1858. 263.
5. *Aulopora compressa* Gf. (113) 106 Fig. 17. — *Diastopora compressa* Quenstedt, Jura 457. Taf. 58. Fig. 1. — Cf. Taf. 29.

Pleurodictyum Gf.

1. *Pleurodictyum problematicum* Gf. (113) 106 Fig. 18. M. Edwards, Polyp. palaeoz. 210. Tb. 18. Fig. 3—6. — Sandberger, Versteiner. rhein. Schichtsys. Nassau 405. Taf. 37. Fig. 8. — Bronn, Lethaea geogn. I. 178. Taf. 3. Fig. 12. — King, Ann. magaz. nat. hist. 1856. XVII. 131. Tb. 10.

Tafel 39.

Cidarites Lamck.

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|--------------------------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Cidarites maximus Mstr. (116) 109 | Fig. 1. | — <i>Rhabdocidarites maxima</i> Desor, Synopsis Echinides foss. 39. Tb. 8. Fig. 17.
— Wright, brit. foss. Echinod. I. 55. 65. Tb. 12. Fig. 6. Tb. A. Fig. 16.
Cidarites spinulosus Roemer, Versteiner. nordd. Oolithgeb. 26. Taf. 1. Fig. 16.
Cidarites horrida Agassiz, Echinid. foss. Suisse II. 72. Tb. 21a. Fig. 2.
Rhabdocidarites princeps Desor, Synopsis Echinid. foss. 40. Tb. 8. Fig. 1.
Quenstedt, Jura 385. Taf. 61. Fig. 8—20. |
| 2. — regalis Gf. (116) 109 | Fig. 2. | — <i>Cidarites regalis</i> Desor, Synopsis Echinid. foss. 15. |
| 3. — Blumenbachi Mstr. (117) 110 | Fig. 3 a. b. | — <i>Cidarites Blumenbachi</i> Agassiz, Echinod. foss. Suisse II. 20. Tb. 20.
Fig. 5, 6. — Desor, Synopsis Echinid. foss. 5. Tb. 3. Fig. 14. 15. —
Quenstedt, Jura 729. Taf. 88. Fig. 63. |
| | Fig. 3 c. d. e. | Cidarites crucifera Agassiz, Echinid. foss. Suisse II. 61. Tb. 21. Fig. 1. 2.
Cidarites Parandieri Agassiz, Echinid. foss. Suisse II. 58. Tb. 20. Fig. 1. —
Desor, Synopsis Echinid. foss. 5. — Thurmann u. Etallon, neue schweiz.
Denkschriften XIX. 338. Taf. 48. Fig. 19. |
| | Fig. 3 i. | Cidarites histricoides Quenstedt, Handb. Petrefk. 572. Taf. 49. Fig. 25.
— <i>Cidarites florigemma</i> Phillips Wright, brit. foss. Echinod. I. 44. Tb. 2.
Fig. 2. Tb. 8. Fig. 4. — Thurmann u. Etallon, neue schweiz. Denk-
schriften XIX. 337. Taf. 48. Fig. 18. |
| | Fig. 4. | Cidarites elongatus Roemer, Versteiner. nordd. Oolithgeb. 27. Taf. 1. Fig. 14.
Cidarites Amalthei Q. Desor, Synopsis Echinid. foss. 10. Tb. 3. Fig. 8. |
| 4. — nobilis Mstr. (117) 110 | Fig. 4. | — <i>Rhabdocidarites nobilis</i> Desor, Synopsis Echinid. foss. 44. Tb. 8. Fig. 10.
— Wright, brit. foss. Echinod. I. 65. |
| | Fig. 4 c. d. e. | — <i>Rhabdocidarites tricarinata</i> Desor, Synopsis Echinid. foss. 44. Tb. 8.
Fig. 4. — Etallon, Etudes pal. Haut Jura 35. |
| | Fig. 4 b. | — <i>Rhabdocidarites cristata</i> Desor, Synopsis Echinid. foss. 44. Tb. 8. Fig. 2. |
| 5. — elegans Mstr. (118) 110 | Fig. 5. | — <i>Cidarites elegans</i> Desor, Synopsis Echinid. foss. 8. Tb. 3. Fig. 23. 24. —
Quenstedt, Jura 728. Taf. 88. Fig. 75—77. |
| 6. — moniliferus Gf. (118) 111 | Fig. 6. | — <i>Cidarites monilifera</i> Desor, Synopsis Echinid. foss. 9. — Cf. Nr. 8. |
| 7. — marginatus Gf. (118) 111 | Fig. 7. | — <i>Cidarites marginata</i> Desor, Synopsis Echinid. foss. 9. Tb. 3. Fig. 5. —
Quenstedt, Jura 727. Taf. 88. Fig. 60. 61. |
| | Fig. 7 e. | <i>Cidarites bavarica</i> Desor, Synopsis Echinid. foss. 26. Tb. 3. Fig. 22.
— <i>Cidarites cervicalis</i> Agassiz, Echinid. foss. Suisse II. Tb. 21. Fig. 8. —
Desor, Synopsis Echinid. foss. 9. Tb. 3. Fig. 20. 22. |
| 8. — coronatus Gf. (119) 112 | Fig. 8. | — <i>Cidarites coronata</i> Agassiz, Echinid. foss. Suisse II. 59. Tb. 20. Fig. 8—17.
Desor, Synopsis Echinid. foss. 9. Tb. 1. Fig. 1; Tb. 3. Fig. 28—32. —
Quenstedt, Jura 640. Taf. 79. Fig. 30—49; 727. Taf. 88. Fig. 62.
Bronn, Lethaea geogn. IV. 139. Taf. 17. Fig. 1.
Cidarites propinquus Nr. 9. auctore Bronn.
Cidarites moniliferus Nr. 6. auctore Bronn. |

Tafel 40.

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| 9. Cidarites propinquus Mstr. (119) 112 | Fig. 1. | — <i>Cidarites propinqua</i> Agassiz, Echinid. foss. Suisse II. 62. Tb. 21. Fig. 5—10.
— Desor, Synopsis Echinid. foss. 7. Tb. 3. Fig. 25. — Cf. Nr. 8. —
Quenstedt, Jura 646. Taf. 79. Fig. 70—72. |
| 10. — vesiculosus Gf. (120) 112 | Fig. 2. | — <i>Cidarites vesiculosa</i> Desor, Synopsis Echinid. foss. II. Tb. 5. Fig. 24. 25.
Cidarites malum Gras, Ours foss. 22. Tb. 1. Fig. 1—3. |
| | Fig. 2 k. | Cidarites perforata Roemer, Versteiner. Kreidegeb. 88. Taf. 6. Fig. 9.
— <i>Cidarites velifera</i> Desor, Synopsis Echinid. foss. 34. Tb. 6. Fig. 12.
Cidarites pisifera Agassiz, Catal. syst. 10.
Cidarites globiceps Quenstedt, Petrefkd. 577. Tb. 49. Fig. 17. |
| 11. — glandiferus Gf. (120) 113 | Fig. 3. | — <i>Cidarites glandifera</i> Agassiz, Echinid. foss. Suisse II. 76. Tb. 21a. Fig. 9.
— Desor, Synopsis Echinid. foss. 23. Tb. 4. Fig. 10. — Bronn, Lethaea
geogn. IV. 141. Taf. 17. Fig. 2. |
| 12. — Schmideli Mstr. (120) 113 | Fig. 4. | — <i>Procidarites Schmideli</i> Desor, Synopsis Echinid. foss. 47. Tb. 7. Fig. 22. |

13. *Cidarites Buchi* Mstr. (121) 113 Fig. 5. — *Cidarites Buchi* Desor, Synopsis Echinid. foss. 20.
14. — *scutigera* Mstr. (121) 114 Taf. 49. Fig. 4. — *Salenia scutigera* Gray. Agassiz, Salenies 12. Tb. 2. Fig. 1—8. *Salenia personata* Agassiz, Salenies 9. Tb. 1. Fig. 1—8.
15. — *crenularis* Lamck. (121) 114 Fig. 6. — *Hemicidaris crenularis* Agassiz, Echinid. foss. Suisse II. 44. Tb. 18. Fig. 23. 24. Tb. 19. Fig. 10—12. — Desor, Synopsis Echinid. foss. 51. Tb. 11. Fig. 5—8. — Bronn, Lethaea geogn. IV. 142. Taf. 17b. Fig. 4. — Thurmann und Etallon, neue schweiz. Denkschriften XIX. 327. Taf. 48. Fig. 2.
16. — *granulosus* Gf. (122) 114 Fig. 7. — *Hemicidaris luciensis* d'Orbigny, Pal. stratigr. I. 320. Quenstedt, Jura 734. Taf. 89. Fig. 31.
17. — *subangularis* Gf. (122) 115 Fig. 8. — *Phymosoma granulosum* Desor, Synopsis Echinid. foss. 87.
18. — *variolaris* Brong. (123) 115 Fig. 9. — *Pseudodiadema subangulare*. *Diplopodia subangularis* Desor, Synopsis Echinid. foss. 75. Tb. 12. Fig. 7—10. — Thurmann und Etallon, neue schweiz. Denkschriften XIX. 317. Taf. 47. Fig. 12.
19. — *ornatus* Gf. (123) 115 Fig. 10. — *Diadema subangulare* Agassiz, Echinid. foss. Suisse II. 19. Tb. 17. Fig. 21—23. — Bronn, Lethaea geogn. IV. 144. Taf. 17b. Fig. 8. — Quenstedt, Jura 647. Taf. 80. Fig. 2. 3. 737. Taf. 90. Fig. 4—6. *Diadema sulcatum* Sismonda, Nizza 57. Tb. 2. Fig. 11. 12.
- *Phymosoma Koenigi* Desor, Synopsis Echinid. foss. 86. Tb. 15. Fig. 1—4. *Echinus Milleri* u. *tuberculatus* Deffrance, Diet. sc. nat. XXXVII. 101. *Cyphosoma Milleri* n. *ornatissimum* Agassiz, Catal. rais. 47. 48. *Tetragramma variolare* Reuss, Versteiner. böhm. Kreidegeb. II. 58.
- *Pseudodiadema ornatum* Desor, Synopsis Echinid. foss. 72. Quenstedt, Jura 512. Taf. 68. Fig. 23.

Echinus Lamck.

1. *Echinus lineatus* (124) 116 Fig. 11. — *Stomechinus lineatus* Desor, Synopsis Echinid. foss. 126. — Thurmann u. Etallon, neue schweiz. Denkschriften XIX. 305. Taf. 45. Fig. 7.
2. — *excavatus* Leske (124) 116 Fig. 12. — *Echinus psammophorus* Agassiz, Echinid. foss. Suisse II. 84. *Echinus perlatus* Agassiz, Catal. raisonné 61. Quenstedt, Jura 737. Taf. 90. Fig. 8.
3. — *radiatus* Gf. (124) 117 Fig. 13. — *Stomechinus excavatus* Desor, Synopsis Echinid. foss. 127.
4. — *pusillus* Mstr. (125) 117 Fig. 14. — *Glyphocyphus radiatus* Desor, Synopsis Echinid. foss. 103. Tb. 17. Fig. 1—3. *Echinopsis latipora* u. *depressa* Agassiz, Catal. syst. 9. *Echinopsis pusilla* Roemer, Versteiner. Kreidegeb. 30. Taf. 6. Fig. 10.
5. — *alutaceus* Gf. (125) 117 Fig. 15. — *Glyphocyphus pusillus* Desor, Synopsis Echinid. foss. 104. *Diadema pusillum* Agassiz, Catal. rais. 43.
6. — *granulosus* Mstr. (125) 117 Taf. 49. Fig. 5. — *Psammechinus alutaceus* Desor, Synopsis Echinid. foss. 122.
7. — *nodulosus* Mstr. (125) 118 Fig. 16. — *Cottaldia granulosa* Desor, Synopsis Echinid. foss. 114. Tb. 19. Fig. 1—3. *Arbacia granulosa* Agassiz, Catal. syst. 12. Quenstedt, Jura 738. Taf. 90. Fig. 11.
8. — *hieroglyphicus* Gf. (126) 118 Fig. 17. — *Magnosia nodulosa* Desor, Synopsis Echinid. foss. 115. *Polycyphus nodulosus* Quenstedt, Petrefkde 582. Taf. 49. Fig. 36. — Bronn, Lethaea geogn. IV. 147. Taf. 17b. Fig. 9. Quenstedt, Jura 649. Taf. 80. Fig. 12—14.
9. — *sulcatus* Gf. (126) 118 Fig. 18. — *Glypticus hieroglyphicus* Bourguet, Agassiz Echinid. foss. Suisse II. 96. Tb. 23. Fig. 37—39. — Desor, Synopsis Echinid. foss. 95. Tb. 16. Fig. 1—3. — Wright, brit. foss. Echinod. II. 186. Tb. 13. Fig. 3.
- *Glypticus sulcatus* Desor, Synopsis Echinid. foss. 96. Quenstedt, Jura 738. Taf. 90. Fig. 12. 13.

Galerites Gf.

1. *Galerites albogalerus* Lamck (127) 119 Fig. 19. Desor, Galerites 11. Tb. 1. Fig. 4—11; Synopsis Echinid. foss. 182. Tb. 25. Fig. 5—10. *Galerites vulgaris* Lamarck, Anim. s. vert. III. 307. — Desor, Galerites 14. Tb. 2. Fig. 1—10. *Echinoconus subconicus* und *subpyramidalis* d'Orbigny, Terr. crétac. Tb. 998. 1000.

2. *Galerites vulgaris* Lamck (128) 119 Fig. 20. — *Galerites abbreviatus* Lamck. Desor, *Galerites* 20. Tb. 3. Fig. 9 — 17; Synopsis Echinid. foss. 184.
 3. — *abbreviatus* Lamck (128) 120 Fig. 21. — *Galerites truncatus* DeFrance, Dict. sc. nat. XVIII. 87.
 — *Galerites oblongus* Desor, Synopsis Echinid. foss. 184.

Tafel 41.

4. *Galerites canaliculatus* Gf. (128) 120 Fig. 1. — *Discoidea cylindrica* Agassiz, Echinid. foss. Suisse I. 92. Tb. 6. Fig. 13—15.
 — Desor, *Galerites* 53. Tb. 8. Fig. 8—16; Synopsis Echinid. foss. 177. Tb. 24. Fig. 9—14.
 5. — *subuculus* L. (129) 120 Fig. 2. — *Discoidea subuculus* Desor, *Galerites* 54. Tb. 7. Fig. 5 — 7; Synopsis Echinid. foss. 176. Tb. 24. Fig. 1—4.
 6. — *depressus* Lamck (129) 121 Fig. 3. — *Discoidea minima* Agassiz, Catal. syst. 7.
 — *Holcetypus depressus* Bronn, Lethaea geogn. IV. 148. Tb. 17. Fig. 5. — Desor, Synopsis Echinid. foss. 169. — Wright, brit. foss. Echinod. II. 260. Tb. 18. Fig. 1.
 — *Discoidea depressa* Agassiz, Echinod. foss. Suisse I. 88. Tb. 13. Fig. 7—13. Desor, Monogr. *Galerites* 65. Tb. 10. Fig. 4—12.
 7. — *sulcatoradiatus* Gf. (130) 121 Fig. 4. — *Holcetypus striatus* d'Orbigny, Pal. stratigr. I. 315.
 — Quenstedt, Jura 739. Taf. 90. Fig. 24. 25.
 — *Echinoconus hemisphaericus* Breyn. Desor, Synopsis Echinid. foss. 180. Tb. 23. Fig. 10—15.
 8. — *speciosus* Mstr. (130) 122 Fig. 5. — *Caratomus sulcatoradiatus* d'Orbigny, Terr. crétac. Tb. 942. Fig. 7—11.
 — *Holcetypus speciosus* Desor, Synopsis Echinid. foss. 172.
 — *Discoidea speciosa* Agassiz, Echinid. foss. Suisse I. 93. Tb. 6. Fig. 16. — Desor, Monogr. *Galerites* Tb. 10. Fig. 13.

Clypeaster Lamck.

1. *Clypeaster subcylindricus* Mstr. (131) 122 Fig. 6. — *Conoclypus subcylindricus* Desor, Synopsis Echinid. foss. 320.
 2. — *Bouei* Mstr. (131) 123 Fig. 7. — *Conoclypus Bouei* Agass. Desor, Synopsis Echinid. foss. 319.
 3. — *conoideus* Lamck (132) 123 Fig. 8. — *Conoclypus conoideus* Agassiz, Echinod. foss. Suisse I. 64. Tb. 10. Fig. 14—16. — Desor, Synopsis Echinid. foss. 319.
 — *Echinolampas* Agassizi Dubois, Voy. au Caucase Tb. 1. Fig. 22—24.

Tafel 42.

4. *Clypeaster Leskei* Gf. (132) 123 Fig. 1. — *Conoclypus Leskei* Agass. Desor, Synopses Echinid. foss. 322.
 — *Conoclypus ovatus* d'Orbigny, Terr. crétac. VI. 345. Tb. 945. 946.
 5. — *Cuvieri* Mstr. (133) 124 Fig. 2. — *Echinanthus Cuvieri* Desor, Synopsis Echinid. foss. 292. Tb. 34. Fig. 17. 18.
 — *Pygorhynchus Cuvieri* Agassiz, Catal. syst. 5. — Bronn, Lethaea geogn. IV. 331. Taf. 36b. Fig. 12.
 6. — *Brongniarti* Mstr. (133) 124 Fig. 3. — *Echinanthus Brongniarti* Desor, Synopsis Echinid. foss. 295.
 — *Pygorhynchus Brongniarti* Agassiz, Catal. rais. 103.
 7. — *Linki* Gf. (133) 124 Fig. 4. — *Echinolampas Linki* Desor, Synopsis Echinid. foss. 309.
 8. — *Kleini* Gf. (132) 124 Fig. 5. — *Echinolampas Kleini* Desmoul. Desor, Synopsis Echinid. foss. 307. — Bronn, Lethaea geogn. VI. 334. Taf. 36. Fig. 10.
 — *Echinolampas excentricus* Blainville, Dict. sc. nat. LX. 291.
 — *Pygurus Kleini* d'Orbigny, Pal. stratigr. II. 140.
 9. — *affinis* Gf. (134) 125 Fig. 6. — *Echinolampas affinis* Desmoul. Desor, Synopsis Echinid. foss. 301. Tb. 31. Fig. 4—6.
 — *Echinolampas curysomus* Agassiz, Echinod. foss. Suisse I. 60. Tb. 9. Fig. 1—3.
 10. — *fornicatus* Gf. (134) 125 Fig. 7. — *Echinolampas stelliferus* Desor, Synopsis Echinid. foss. 304.
 11. — *ellipticus* Mstr. (135) 126 Fig. 8. — *Echinolampas ellipticus* Desor, Synopsis Echinid. foss. 303.

Echinoneus Gf.

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| 1. <i>Echinoneus subglobosus</i> Gf. (135) 126 | Fig. 9. | — <i>Fibularia subglobosa</i> Desor, Synopsis Echinid. foss. 221. Tb. 27. Fig. 4. 5. |
| 2. — <i>ovatus</i> Mstr. (136) 127 | Fig. 10. | — <i>Echinocyamus ovatus</i> Agassiz, Scutelles 157. — Desor, Synopsis Echinid. foss. 218. |
| 3. — <i>scutatus</i> Mstr. (136) 127 | Fig. 11. | — <i>Echinocyamus scutatus</i> Desor, Synopsis Echinid. foss. 220.
<i>Echinocyamus occitanus</i> Agassiz, Echinod. Scutell. 136. Tb. 27. Fig. 48—58.
<i>Echinocyamus altavillensis</i> Agassiz, Echinod. Scutell. 132. Tb. 27. Fig. 25—28. |
| 4. — <i>placenta</i> Gf. (136) 127 | Fig. 12. | — <i>Echinocyamus placenta</i> Agassiz, Scutelles 127. — Desor, Synopsis Echinid. foss. 220. |

Tafel 43.**Nucleolites** Gf.

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|-------------------------------------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. <i>Nucleolites depressus</i> Mstr. (137) 128 | Fig. 1. | — <i>Nucleopygus depressus</i> Desor, Synopsis Echinid. foss. 189.
<i>Pyrina Goldfussi</i> Ag. d'Orbigny, Terr. crétac. Tb. 986. Fig. 6—9. |
| 2. — <i>ovulum</i> Lamck (138) 129 | Fig. 2. | — <i>Catopygus ovulum</i> Agass. Desor, Synopsis Echinid. foss. 285. |
| 3. — <i>scrobiculatus</i> Gf. (138) 129 | Fig. 3. | Desor, Synopsis Echinid. foss. 260.
<i>Echinobrissus scrobiculatus</i> d'Orbigny, Terr. crétac. Tb. 961. Fig. 6—9. |
| 4. — <i>granulosus</i> Mstr. (138) 129 | Fig. 4. | — <i>Dysaster granulosus</i> Agass. Desor, Dysaster 17. Tb. 3. Fig. 18—20; Synopsis Echinid. foss. 201. Tb. 36. Fig. 1—4. — Quenstedt, Jura 586. Taf. 73. Fig. 92. |
| 5. — <i>patellaris</i> Gf. (139) 130 | Fig. 5. | — <i>Lenita patellaris</i> Desor, Synopsis Echinid. foss. 223. Tb. 27. Fig. 20. 21.
<i>Cassidulus lenticulatus</i> DeFrance, Dict. sc. nat. VII. 226.
<i>Lenita patelloides</i> Forbes, Quarterl. Journ. geol. 1852. 342. Tb. 18. Fig. 6. |
| 6. — <i>semiglobus</i> Mstr. (139) 130 | Taf. 49. Fig. 6. | — <i>Pachyclypus semiglobus</i> Desor, Synopsis Echinid. foss. 195. Tb. 37. Fig. 3. 4. |
| 7. — <i>excentricus</i> Mstr. (140) 130 | Taf. 49. Fig. 7. | — <i>Collyrites excentricus</i> Desor, Dysaster Tb. 4. Fig. 1—3; Synopsis Echinid. foss. 209. |
| 8. — <i>canaliculatus</i> Gf. (140) 131 | Taf. 49. Fig. 8. | — <i>Hyboclypus canaliculatus</i> Desor, Galerites 85. Tb. 4. Fig. 8. 9; Synopsis Echinid. foss. 193.
<i>Disaster canaliculatus</i> Quenstedt, Jura 455. Taf. 62. Fig. 17. |
| 9. — <i>scutatus</i> Lamck (140) 131 | Fig. 6. | — <i>Echinobrissus Goldfussi</i> Desor, Synopsis Echinides foss. 267. — Wright, brit. foss. Echinod. III. 346. Tb. 36. Fig. 2.
<i>Nucleolites clunicularis</i> var. a. major Forbes, Mem. Geol. Survey dec. I. Tb. 9. — Bronn, Lethaea geogn. IV. 152.
<i>Nucleolites micraulus</i> Agassiz, Echinod. foss. Suisse I. 43. Tb. 7. Fig. 16—18.
Quenstedt, Jura 455. Taf. 62. Fig. 18. |
| 10. — <i>piriformis</i> Gf. (141) 131 | Fig. 7. | — <i>Catopygus piriformis</i> Agass. d'Orbigny, Terr. crétac. Tb. 973. Fig. 1—6.
— Desor, Synopsis Echinid. foss. 285.
<i>Nucleolites Bomari</i> DeFrance, Dict. sc. nat. XXXV. 214. |
| 11. — <i>lacunosus</i> Gf. (141) 132 | Fig. 8. | Desor, Synopsis Echinid. foss. 259.
<i>Echinobrissus lacunosus</i> d'Orbigny, Terr. crétac. Tb. 958. Fig. 7—10. |
| 12. — <i>cordatus</i> Gf. (142) 132 | Fig. 9. | — <i>Echinobrissus cordatus</i> d'Orbigny, Terr. crétac. Tb. 955. Fig. 7—9. — Desor, Synopsis Echinid. foss. 266. |
| 13. — <i>subcarinatus</i> Gf. (142) 132 | Fig. 10. | — <i>Echinanthus subcarinatus</i> Desor, Synopsis Echinid. foss. 296.
<i>Pygorhynchus subcarinatus</i> Agassiz, Catal. syst. 5. |
| 14. — <i>carinatus</i> Gf. (142) 133 | Fig. 11. | — <i>Catopygus carinatus</i> Agass. Forbes, Decad. I. Tb. 10. — Desor, Synopsis Echinid. foss. 283. Tb. 34. Fig. 1—4. |
| 15. — <i>lapis caneri</i> Gf. (143) 133 | Fig. 12. | — <i>Cassidulus Lapis caneri</i> Lamck. d'Orbigny, Terr. crétac. VI. 92. Tb. 925.
— Desor, Synopsis Echinid. foss. 283. Tb. 34. Fig. 5—8.
<i>Cassidulus belgicus</i> DeFrance, Dict. sc. nat. VII. 227. |
| 16. — <i>testudinarius</i> Mstr. (143) 134 | Fig. 13. | — <i>Echinanthus Münsteri</i> Desor, Synopsis Echinid. foss. 294.
<i>Pygorhynchus scutella</i> var. inflata Agassiz, Catal. rais. 102.
<i>Pygorhynchus testudinarius</i> Bronn, Lethaea geogn. VI. 333. |
| 17. — <i>scutella</i> Gf. (144) 134 | Fig. 14. | — <i>Echinanthus scutella</i> Desor, Synopsis Echinid. foss. 233.
<i>Cassidulus veronensis</i> DeFrance, Dict. sc. nat. VII. 226.
<i>Pygorhynchus scutella</i> Agassiz, Catal. syst. 4. — Bronn, Lethaea geogn. VI. 332. |

Tafel 44.

Ananchytes Gf.

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|---------------------------------------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. <i>Ananchytes ovatus</i> Lamck (145) 135 | Fig. 1. | Desor, Synopsis Echinid. foss. 330. Tb. 38. Fig. 6. — d'Orbigny, Terr. crétac. VI. 62. Tb. 804—808.
<i>Ananchytes striatus</i> var. <i>subglobosa</i> Fig. 3.
<i>Ananchytes conoideus</i> Fig. 2. |
| 2. — <i>conoideus</i> Gf. (145) 136 | Fig. 2. | — <i>Ananchytes ovatus</i> cf. Nr. 1. |
| 3. — <i>striatus</i> Lamck (145) 136 | Fig. 3. | — <i>Ananchytes ovatus</i> cf. Nr. 1. |
| var. <i>subglobosa</i> . | | |

Tafel 45.

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| 4. <i>Ananchytes sulcatus</i> Gf. (146) 136 | Fig. 1. | Desor, Synopsis Echinid. foss. 332.
<i>Echinocorys sulcatus</i> d'Orbigny, Terr. crétac. VI. 70. Tb. 809. |
| 5. — <i>corculum</i> Gf. (147) 137 | Fig. 2. | Desor, Synopsis Echinid. foss. 332.
<i>Echinocorys papillosus</i> d'Orbigny, Terr. crétac. VI. 69. Tb. 808. Fig. 4—6. |

Spatangus Gf.

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|----------------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. <i>Spatangus granulatus</i> Gf. (148) 138 | Fig. 3. | — <i>Cardiaster ananchytis</i> d'Orbigny, Terr. crétac. VI. 131. Tb. 826. —
Desor, Synopsis Echinid. foss. 345. Tb. 39. Fig. 7—9.
<i>Cardiaster granulatus</i> Forbes, Mem. geol. Survey dec. IV. Tb. 9.
<i>Spatangus cordiformis</i> Woodward, Geol. Norfolk 50. Tb. 5. Fig. 6.
<i>Holaster carinatus</i> Agassiz, Catal. syst. 1.
<i>Holaster aequalis</i> Portlock, Geol. Rep. Londonderry 355. Tb. 17 a. b. c. |
| 2. — <i>subglobosus</i> Leske (148) 138 | Fig. 4. | — <i>Holaster subglobosus</i> Agassiz, Echinod. foss. Suisse I. 13. Tb. 2. Fig. 7—9.
Desor, Synopsis Echinid. foss. 338.
<i>Ananchytes subglobosus</i> Forbes, Mem. geol. Survey dec. IV. Tb. 7.
<i>Holaster albus</i> Agassiz, Echinod. foss. Suisse I. 20. Tb. 3. Fig. 9. 10. |
| 3. — <i>suborbicularis</i> Defr. (148) 139 | Fig. 5. | — <i>Holaster suborbicularis</i> . |
| 4. — <i>nodulosus</i> Gf. (149) 139 | Fig. 6. | — <i>Holaster carinatus</i> d'Orbigny, Terr. crétac. VI. 104. Tb. 818. — Desor, Synopsis Echinid. foss. 340.
<i>Holaster sandoz</i> Agassiz, Echinod. foss. Suisse Tb. 2. Fig. 1—3. |

Tafel 46.

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| 5. <i>Spatangus intermedius</i> Mstr. (149) 139 | Fig. 1. | — ? <i>Holaster l'Hardyi</i> Dubois Voy. au Caucase Tb. 1. Fig. 8—10. —
Agassiz, Echinod. foss. Suisse I. 12. Tb. 2. Fig. 4—6. — Desor, Synopsis Echinid. foss. 342. |
| 6. — <i>retusus</i> Lamck. (149) 140 | Fig. 2. | — <i>Toxaster complanatus</i> Desor, Synopsis Echinid. foss. 351.
<i>Holaster complanatus</i> Agassiz, Echinod. foss. Suisse I. 14. Tb. 2. Fig. 10—12.
<i>Toxaster cuneiformis</i> Gras, Ours. foss. 57. Tb. 3. Fig. 19. 20. |
| 7. — <i>radiatus</i> Lamck. (150) 140 | Fig. 3. | — <i>Hemipneustes radiatus</i> Agass. Desor, Synopsis Echinid. foss. 349. Tb. 38. Fig. 7.
<i>Holaster striatoradiatus</i> d'Orbigny, Terr. crétac. VI. 113. Tb. 802. 803. |
| 8. — <i>carinatus</i> Gf. (150) 140 | Fig. 4. | — <i>Collyrites carinatus</i> Desor, Disaster 20. Tb. 3. Fig. 1—4; Synopsis Echinid. foss. 208.
<i>Dysaster carinatus</i> Agassiz, Echinod. foss. Suisse I. 4. Tb. 4. Fig. 4—6.
— Bronn, Lethaea geogn. IV. 155. Taf. 17. Fig. 7. — Quenstedt, Jura 740. Taf. 90. Fig. 27. |
| 9. — <i>capistriatus</i> Gf. (151) 141 | Fig. 5. | — <i>Collyrites capistriatus</i> Desor, Disaster 21. Tb. 3. Fig. 12—14; Synopsis Echinid. foss. 208. |
| 10. — <i>bicordatus</i> Gf. (151) 141 | Fig. 6. | <i>Dysaster capistratus</i> Agassiz, Echinod. foss. Suisse I. 7. Tb. 4. Fig. 1—3.
— <i>Metaporhinus Münsteri</i> Desor, Synopsis Echinid. foss. 211; Dysaster 25. Tb. 4. Fig. 4—7. |

Tafel 47.

11. *Spatangus truncatus* Gf. (152) 142 Fig. 1. — *Holaster truncatus* Agass. Desor, Synopsis Echinid. foss. 337.
 12. — *ornatus* Cuv Gf. (152) 142 Fig. 2. — *Eupatagus ornatus* Agass. Desor, Synopsis Echinid. foss. 413.
Spatangus tuberculatus Agassiz, Catal. syst. 2.
 13. — *Hofmanni* Gf. (152) 142 Fig. 3. — *Hemipatagus Hofmanni* Desor, Synopsis Echinid. foss. 416. Tb. 44.
 Fig. 4, 5.
 Wright, Ann. mag. nat. hist. 1855. XIV. 176.
 14. — *Desmaresti* Mstr. (153) 143 Fig. 4. Desor, Synopsis Echinid. foss. 421. — Bronn, Lethaea geogn. VI. 339.
 Taf. 36². Fig. 3.
 Wright, Ann. mag. nat. hist. 1855. XIV. 272.
 15. — *suborbicularis* Mstr. (153) 143 Fig. 5. — *Hemiaster suborbicularis*.
Periaster suborbicularis Desor, Synopsis Echinid. foss. 387.
 16. — *Bucklandi* Gf. (154) 143 Fig. 6. — *Hemiaster Bucklandi* d'Orbigny, Terr. crétac. VI. 231. Tb. 893. Fig. 1—3.
Periaster Bucklandi Desor, Synopsis Echinid. foss. 384.
 17. — *bufo* Cuv (154) 144 Fig. 7. — *Hemiaster bufo* Desor, Synopsis Echinid. foss. 368. — d'Orbigny, Terr.
 crétac. VI. 227. Tb. 873.

Tafel 48.

18. *Spatangus arcuarius* Lamck. (154) 144 Fig. 1. — *Echinocardium cordatum* Desor, Synopsis Echinid. foss. 407.
Amphidetus cordatus Agassiz.
 19. — *prunella* Lamck. (155) 145 Fig. 2. — *Hemiaster prunella* Desor, Synopsis Echinid. foss. 371. — d'Orbigny,
 Terr. crétac. VI. 242. Tb. 881.
Hemiaster nucula d'Orbigny, Terr. crétac. VI. 259. Tb. 891.
 20. — *amygdala* Gf. (155) 145 Fig. 3. — *Isaster amygdala* Desor, Synopsis Echinid. foss. 359.
Hemiaster amygdala d'Orbigny, Terr. crétac. VI. 262. Tb. 892. Fig. 4—6.
 21. — *gibbus* Lamck. (156) 146 Fig. 4. — *Micraster gibbus* Agass. Desor, Synopsis Echinid. foss. 365.
Micraster cordatus Agassiz, Catal. syst. 2.
Spatangus rostratus Mantell, Geology Sussex Tb. 17. Fig. 10—12.
Spatangus Requièni u. *Scutella pyramidalis* Risso.
 22. — *cor testudinarium* Gf. (156) 146 Fig. 5. — *Micraster cor anguinum* Agass. cf. Nr. 23.
Spatangus anticus DeFrance, Dict. sc. nat. L. 94.
 23. — *cor anguinum* Lamck. (157) 147 Fig. 6. — *Micraster cor anguinum* Agass. Desor, Synopsis Echinid. foss. 364.
Spatangus cor testudinarium Fig. 5.
Micraster arenatus Agass. Sismonda, Echinid. foss. Nizza 28. Tb. 1. Fig. 12.

Tafel 49.

24. *Spatangus bucardium* Gf. (157) 147 Fig. 1. — *Hemiaster bucardium* d'Orbigny, Terr. crétac. VI. 264. Tb. 894.
Periaster bucardium Desor, Synopsis Echinid. foss. 384.
 25. *acuminatus* Gf. (158) 148 Fig. 2. — *Hemiaster acuminatus* Desor, Synopsis Echinid. foss. 374.
 26. — *lacunosus* Lin. (158) 148 Fig. 3. — *Schizaster amplus* Desor, Synopsis Echinid. foss. 392.
Hemiaster lacunosus d'Orbigny, Terr. crétac. VI. 267. Tb. 896.

Glenotremites Gf.

1. *Glenotremites paradoxus* Gf. (159) 149
 Taf. 51. Fig. 1.

Tafel 50.

Pentatrematites Say.

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| 1. Pentatrematites ovalis Gf. (161) 150 | Fig. 1. | F. Roemer, Monogr. der Blastoideen 35. Taf. 4. Fig. 14. (Wieg. Archiv XVII. 355.) |
| 2. — florealis Say (161) 151 | Fig. 2. | F. Roemer, Monogr. der Blastoideen 33. Taf. 1. Fig. 1—4. Taf. 2. Fig. 8. (Wieg. Archiv XVII. 353.) |

Eugeniocrinites Miller.

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| 1. Eugeniocrinites caryophyllatus Gf. (163) 152 | Fig. 3. | — <i>Eugeniocrinus caryophyllatus</i> Agass. Bronn, Lethaea geogn. IV. 115. Taf. 17. — Quenstedt, Jura 652. Taf. 80. Fig. 48—61. |
| 2. — nutans Gf. (164) 153 | Fig. 4. | — <i>Eugeniocrinus nutans</i> Agass. Bronn, Lethaea geogn. IV. 116. — Quenstedt, Jura 653. Taf. 80. Fig. 62—67. |
| 3. — compressus Gf. (164) 154 | Fig. 5. | — <i>Eugeniocrinus compressus</i> Bronn, Lethaea geogn. IV. 116. — Quenstedt, Jura 654. Taf. 80. Fig. 70—74. |
| 4. — piriformis Mstr. Gf. (165) 155 | Fig. 6. | |
| 5. — moniliformis Mstr. (165) 155 | Taf. 60. Fig. 8. | — <i>Tetracrinus moniliformis</i> Quenstedt, Jura 655. Taf. 80. Fig. 82—92. — Cf. Taf. 60. Fig. 8. |
| 6. — Hoferi Mstr. (166) 155 | Taf. 60. Fig. 9. | Quenstedt, Jura 655. Taf. 80. Fig. 93—103. — Thurmman u. Etallon, neue schweiz. Denkschriften XIX. 352. Taf. 49. Fig. 24. — Cf. Taf. 60 Fig. 9. |

Solanocrinites Gf.

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| 1. Solanocrinites costatus Gf. (166) 156 | Fig. 7. | — <i>Comaster costatus</i> Bronn, Lethaea geogn. IV. 135. Taf. 17. Fig. 14. Comatula costata d'Orbigny, Pal. stratigr. I. 381. |
| | Taf. 51. Fig. 2. | Quenstedt, Jura 722. Taf. 88. Fig. 9. 10. |
| 2. — scrobiculatus Mstr. (167) 157 | Fig. 8. | Quenstedt, Jura 657. Taf. 81. Fig. 12—22. |
| 3. — Jaegeri Gf. (168) 157 | Fig. 9. | Quenstedt, Jura 723. Taf. 88. Fig. 12. |

Tafel 51.

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| Glenotremites paradoxus Gf. | Fig. 1. | |
| Solanocrinites costatus Gf. | Fig. 2. | Cf. Taf. 50. Fig. 7. |

Pentacrinites Mill.

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| 1. Pentacrinites briareus Mill. (168) 158 | Fig. 3. | — <i>Pentacrinus bollensis</i> Bronn, Lethaea geogn. IV. 126. |
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Tafel 52.

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| 2. Pentacrinites subangularis Mill. (171) 160 | Fig. 1. | — <i>Pentacrinus subangularis</i> Bronn, Lethaea geogn. VI. 125. Taf. 17. Fig. 12. — Quenstedt, Jura 159. Taf. 19. Fig. 47—50; 265. Taf. 38. Fig. 1. |
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3. *Pentacrinites basaltiformis* Mill. (172) 161 Fig. 2. — *Pentacrinus basaltiformis* Bronn, Lethaea geogn. IV. 128. Taf. 17. Fig. 11. — Quenstedt, Jura 158. Taf. 23. Fig. 24; 195. Taf. 24. Fig. 20–23. *Pentacrinites scriptus* Roemer, Versteiner. nordd. Oolithgeb. 30. Taf. 12. Fig. 12. — Fraas, Würtemb. naturw. Jahreshfte 1858. XIV. 320. Taf. 2. Fig. 12. — *Pentacrinus scalaris* Bronn, Lethaea geogn. IV. 127. — Quenstedt, Jura 111. Taf. 13. Fig. 56.
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| 32. — <i>heliciformis</i> Gf. (232) 216 | Fig. 15. | Thurmann u. Etallon, neue schweiz. Denkschriften XX. 445. Taf. 60. Fig. 28.
<i>Serpula tricarinata</i> Sowerby, Min. Conch. Tb. 608. Fig. 3. |
| 33. — <i>quadristriata</i> Gf. (232) 216 | Fig. 16. | |
| 34. — <i>convoluta</i> Mstr. (232) 217 | Fig. 17. | — <i>Serpula Deshayesi</i> cf. Nr. 35.
<i>Spirorbis alatus</i> Etallon, Etudes pal. Haut Jura II. 15. |
| 35. — <i>Deshayesi</i> Mstr. (232) 217 | Fig. 18. | Quenstedt, Jura 664. Taf. 81. Fig. 53—56. — Thurmann u. Etallon, neue schweiz. Denkschriften XX. 443. Taf. 60. Fig. 25. |

Tafel 69.

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| 36. <i>Serpula canaliculata</i> Mstr. (233) 217 | Fig. 1. | Quenstedt, Jura 664. |
| 37. — <i>volubilis</i> Mstr. (233) 217 | Fig. 2. | — <i>Vermetus nodus</i> cf. Taf. 67. Fig. 15. |
| 38. — <i>spiralis</i> Mstr. (233) 217 | Fig. 3. | Quenstedt, Jura 776. Taf. 95. Fig. 28. — Thurmann u. Etallon, neue schweiz. Denkschriften XX. 439. Taf. 60. Fig. 17. |

39. *Serpula cingulata* Mstr. (233) 218 Fig. 4. Quenstedt, Jura 664. Taf. 81. Fig. 52.
 40. — *flagellum* Mstr. (233) 218 Fig. 5. Quenstedt, Jura 776. — Etallon, Etudes pal. Haut Jura II. 11.
 41. — *substriata* Mstr. (234) 218 Fig. 6.
 42. — *flaccida* Gf. (234) 218 Fig. 7.
 43. — *gordialis* Schloth (234) 218 Fig. 8. Thurmman u. Etallon, neue schweiz. Denkschriften XX. 438. Taf. 60. Fig. 14.
 Taf. 71. Fig. 4. *Serpula infibulata*, planorbis Geinitz.
Serpula implicata Hagenow, neues Jahrb. f. Mineral. 1840. 668. Taf. 9. Fig. 17.
Serpula spirographis Taf. 70. Fig. 17. — *Serpula parvula* Taf. 70. Fig. 18.
 44. — *intercepta* Gf. (234) 218 Fig. 9.
 45. — *ilium* Gf. (234) 219 Fig. 10. Thurmman n. Etallon, neue schweiz. Denkschriften XX. 438. Taf. 60. Fig. 15.
 46. — *filaria* Gf. (235) 219 Fig. 11. ?
 47. — *socialis* Gf. (235) 219 Fig. 12. — *Serpula filiformis* Sowerby. Reuss, Versteiner. böhm. Kreidegeb. I. 20. Taf. 5. Fig. 26. — Pictet, Materianx Pal. Suisse. Aptien 17. Tb. 1. Fig. 10—15.
 Quenstedt, Jura 385. Taf. 51. Fig. 6.
 48. — *problematica* Mstr. (143) 134 Fig. 13.

Tafel 70.

49. *Serpula trachinus* Gf. (235) 219 Fig. 1. — *Serpula triangularis* cf. Nr. 52.
 50. — *lophioda* Gf. (236) 220 Fig. 2. — *Serpula triangularis* cf. Nr. 52.
 51. — *laevis* Gf. (236) 220 Fig. 3. — *Serpula triangularis* cf. Nr. 52.
 52. — *triangularis* Mstr. (236) 220 Fig. 4. *Serpula trachinus* Fig. 1. — *S. lophioda* Fig. 2. — *S. laevis* Fig. 3. — *S. depressa* Fig. 6.
Serpula carinella Sowerby, Mineral Conch. Tb. 598. Fig. 2.
Serpula biplicata Reuss, Versteiner. böhm. Kreidegeb. I. 18. Taf. 5. Fig. 23.
 53. — *draconocephala* Gf. (236) 220 Fig. 5. — *Serpula ampullacea* Sowerby, Mineral Conch. Tb. 597. Fig. 1—5.
 54. — *depressa* Gf. (236) 220 Fig. 6. — *Serpula triangularis* cf. Nr. 52.
 55. — *rotula* Gf. (237) 221 Fig. 7. — Reuss, Versteiner. böhm. Kreidegeb. I. 18. Taf. 5. Fig. 28.
 56. — *quadricarinata* Mstr. (237) 221 Fig. 8. Reuss, Versteiner. böhm. Kreidegeb. I. 18. Taf. 13. Fig. 94.
 57. — *cincta* Gf. (237) 221 Fig. 9. Pictet, Materianx Pal. Suisse. Aptien Taf. 15. Fig. 8.
Serpula cristata Reuss, Versteiner. böhm. Kreidegeb. I. 18. Taf. 13. Fig. 92.
Serpula quinquangulata Roemer, Versteiner. nordd. Kreidegeb.
 58. — *arcuata* Mstr. (237) 221 Fig. 10. — *Serpula fluctuata* Sowerby. Mineral Conch. Tb. 608. Fig. 5. 6.
Serpula undulata, costata, caudata Hagenow, Neues Jahrb. f. Mineral. 1840. 667. 668.
 59. — *subtorquata* Mstr. (238) 221 Fig. 11. Reuss, Versteiner. böhm. Kreidegeb. I. 18. Taf. 5. Fig. 24. — v. Strombeck, geolog. Zeitschrift 1863. XV. 167.
 60. — *sexangularis* Mstr. (238) 222 Fig. 12.
 61. — *sexsulcata* Mstr. (238) 222 Fig. 13.
 62. — *Noeggerathi* Mstr. (238) 222 Fig. 14. — *Serpula antiquata* Sowerby, Mineral. Conch. Tb. 598. Fig. 5—7.
Serpula ampullacea Reuss, Versteiner. böhm. Kreidegeb. I. 20. Taf. 5. Fig. 22; II. 106. Taf. 24. Fig. 6. 7.
 63. — *erecta* Gf. (238) 222 Fig. 15.
 64. — *amphisbaena* Gf. (239) 222 Fig. 16. Reuss, Versteiner. böhm. Kreidegeb. I. 19. Taf. 5. Fig. 29—32.
Fistulana amphisbaena Geinitz, Nachtrag Kieslingswalde 11. Taf. 4. Fig. 11—14.
 65. — *spirographis* Gf. (239) 233 Fig. 17. — *Serpula gordialis* cf. Nr. 43.
 66. — *parvula* Mstr. (239) 223 Fig. 18. — *Serpula gordialis* cf. Nr. 43.

Tafel 71.

67. *Serpula subrugosa* Mstr. (239) 223 Fig. 1.
 68. — *crenatostriata* Mstr. (239) 223 Fig. 2. — *Serpula granulata* Sowerby, Mineral Conchol. Tb. 597. Fig. 8.
 69. — *vibicata* Mstr. (240) 223 Fig. 3.
 43b. — *gordialis* Schloth (240) 223 Fig. 4. Reuss, Versteiner. böhm. Kreidegeb. I. 19. — Cf. Taf. 69. Fig. 8.
 70. — *angulata* Mstr. (240) 224 Fig. 5. ? *Serpula plexus* Sowerby, Mineral. Conchol. Tb. 598. Fig. 1.
 71. — *bicanaliculata* Mstr. (240) 224 Fig. 6.
 72. — *umbiliciformis* Gf. (240) 224 Fig. 7.
 73. — *spirulaea* Lamck. (241) 224 Fig. 8.
 74. — *subcarinata* Gf. (241) 224 Fig. 9.
 75. — *hamulus* Mstr. (241) 225 Fig. 10.
 76. — *quadricanaliculata* Mstr. (241) 225 Fig. 11.
 77. — *corrugata* Gf. (242) 225 Fig. 12.
 78. — *anfracta* Gf. (242) 225 Fig. 13.
 79. — *corniculum* Gf. (242) 226 Fig. 14.
 80. — *tortrix* Gf. (242) 226 Fig. 15.

Terebella Lamck.

1. *Terebella lapilloides* Mstr. (242) 226 Fig. 16.

BAND II.

Tafel 72.

Ostraea Lamck.

I. Aus dem Muschelkalk:

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|-------------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------|
| 1. <i>Ostraea difformis</i> Schloth (2) 2 | Fig. 1. | — <i>Ostraea multicostata</i> cf. Nr. 2. |
| 2. — <i>multicostata</i> Mstr. (3) 3 | Fig. 2. | Giebel, Versteiner. Muschelkalk Lieskau 11. Taf. 2. Fig. 9.
<i>Ostraea difformis</i> cf. Nr. 1. |
| 3. — <i>complicata</i> Gf. (3) 3 | Fig. 3. | v. Seebaeh, Conchylifera Weimar Trias 18. |
| 4. — <i>decemcostata</i> Mstr. (3) 3 | Fig. 4. | Giebel, Versteiner. Muschelkalk Lieskau 9. Taf. 2. Fig. 4. 5. |
| 5. — <i>spondyloides</i> Schloth (3) 3 | Fig. 5. | Giebel, Versteiner. Muschelkalk Lieskau 10. |
| 6. — <i>compta</i> Gf. (4) 3 | Fig. 6. | — <i>Hinnites comtus</i> Giebel, Versteiner. Muschelkalk Lieskau 25. Taf. 6.
Fig. 4.
<i>Spondylus comtus</i> Taf. 105. Fig. 1. |

II. Aus dem Lias:

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| 7. <i>Ostraea semiplicata</i> Mstr. (4) 4 | Fig. 7. | Oppel, Würtemb. Jahreshfte 1856. XII. 226.
<i>Ostraea arietis</i> Quenstedt, Jura 85. Taf. 10. Fig. 10. |
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III. Aus der Oolithformation:

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| 8. <i>Ostraea costata</i> Sow. (4) 4 | Fig. 8. | Morris and Lyeett, Mollusca Great Oolite II. 3. Tb. 1. Fig. 5.
<i>Ostraea Knorri</i> Zieten, Versteiner. Würtb. Taf. 45. Fig. 2. — Quenstedt, Jura 497. Taf. 66. Fig. 37—42. |
| 9. — <i>exarata</i> Gf. (5) 4 | Fig. 9. | |
| 10. — <i>rugosa</i> Mstr. (5) 4 | Fig. 10. | Morris and Lyeett. Mollusca Great Oolite II. 2. Tb. 1, Fig. 4. |
| 11. — <i>pulligera</i> Gf. (5) 5 | Fig. 11. | Quenstedt, Jura 751. Taf. 91. Fig. 29.
<i>Ostraea solitaria</i> Roemer, Versteiner. nordd. Oolithgeb. 58. Taf. 3. Fig. 2 a. c. |
| 12. — <i>tuberosa</i> Mstr. (5) 5 | Fig. 12. | |
| 13. — <i>crenata</i> Gf. (6) 5 | Fig. 13. | |

Tafel 73.

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| 14. <i>Ostraea Marshii</i> Sow. (6) 6 | | Morris and Lyeett, Mollusca Great Oolite III. 126. Tb. 14. Fig. 2. — Bronn, Lethaea geogn. VI. 186. Taf. 18. Fig. 17. — Quenstedt, Jura 429.
<i>Ostraea diluviana</i> Zieten, Versteiner. Würtemb. Tb. 46. Fig. 1.
<i>Ostraea sulcifera</i> Phillips, Geol. Yorksh. 1. Tb. 9. Fig. 35.
<i>Ostraea spinosa</i> Roemer, Versteiner. nordd. Oolithgeb. 58. Taf. 3. Fig. 3.
<i>Plicatula longispina</i> Roemer, Versteiner. nordd. Oolithgeb. 57.
<i>Ostraea flabelloides</i> Oppel, Würtemb. Jahreshfte 1856. XII. 542. |
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Tafel 74.

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| 15. <i>Ostraea subserrata</i> Mstr. (7) 6 | Fig. 1. | — <i>Ostraea gregaria</i> cf. Nr. 16.
Quenstedt, Jura 499. Taf. 66. Fig. 34. — <i>Plicatula subserrata</i> Quenstedt, Jura 581. Taf. 73. Fig. 45. 46. |
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| 16. <i>Ostraea gregaria</i> Sow. (7) 7 | Fig. 2. | Morris and Lycett, Mollusca Great Oolite 4. Tb. 1. Fig. 2. — Bronn, Lethaea geogn. IV. 188. Taf. 18. Fig. 16. — Quenstedt, Jura 751. Taf. 91. Fig. 28.
<i>Ostraea palmetta</i> Sowerby, Mineral Conchol. Tb. 111. Fig. 2.
<i>Ostraea carinata</i> Zieten, Versteiner. Würtemb. 41. Taf. 46. Fig. 2. |
| 17. — <i>rastellaris</i> Mstr. (8) 7 | Fig. 3. | — <i>Ostraea gregaria</i> cf. Nr. 16.
Quenstedt, Jura 325. Taf. 77. Fig. 24; 750. Taf. 91. Fig. 27. |
| 18. — <i>nodosa</i> Mstr. (8) 8 | Fig. 4. | — <i>Ostraea gregaria</i> cf. Nr. 16. |
| 19. — <i>colubrina</i> Lamck. (8) 8 | Fig. 5. | — <i>Ostraea gregaria</i> cf. Nr. 16.
<i>Ostraea amor</i> d'Orbigny.
<i>Ostraea rastellata</i> Thurmann und Etallon, neue schweiz. Denkschriften XIX. 279. Taf. 39. Fig. 12. |

IV. Aus der Kreideformation:

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| 20. <i>Ostraea carinata</i> Lamck. (9) 8. | Fig. 6. | d'Orbigny, Terr. crétac. III. 715. Tb. 474. — Bronn, Lethaea geogn. V. 262. Tb. 32. Fig. 2.
<i>Ostraea regularis</i> Roemer, Nachtrag Versteiner. Oolithgeb. Taf. 18. Fig. 15.
<i>Ostraea macroptera</i> Sowerby, Mineral Conch. Tb. 26. Fig. 2—4. |
| 21. — <i>pectinata</i> Lamck. (9) 9 | Fig. 7. | — <i>Ostraea carinata</i> Lamck. — <i>Ostraea diluviana</i> Taf. 75. Fig. 4. |
| 22. — <i>prionota</i> Gf. (10) 9 | Fig. 8. | — <i>Ostraea carinata</i> Lamck. |
| 23. — <i>serrata</i> Mstr. (10) 9 | Fig. 9. | — <i>Ostraea carinata</i> Lamck. |

Tafel 75.

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| 24. <i>Ostraea larva</i> Lamck. (10) 10 | Fig. 1. | d'Orbigny, Terr. crétac. III. 470. Tb. 486. Fig. 4—8. |
| 25. — <i>lunata</i> Nils. (11) 10 | Fig. 2. | |
| 26. — <i>harpa</i> Gf. (11) 10 | Fig. 3. | |
| 27. — <i>diluviana</i> Lin. (11) 10 | Fig. 4. | Reuss, Versteiner. böhm. Kreidegeb. II. 38. Taf. 30. Fig. 16. 17. Taf. 41. Fig. 1. Taf. 45. Fig. 1.
<i>Ostraea plicatostriata</i> Geinitz, Charact. sächs. Kreidegeb. 85. Taf. 21. Fig. 14. 15.
<i>Ostraea macroptera</i> Roemer, Versteiner. nordd. Kreidegeb. 45. |

Tafel 76.

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| 28. <i>Ostraea flabelliformis</i> Nils. (12) 11 | Fig. 1. | Reuss, Versteiner. böhm. Kreidegeb. II. 39. Taf. 28. Fig. 16. Taf. 29. Fig. 19. 20.
<i>Ostraea inconstans</i> Dujardin, Mém. soc. géol. France 1837. II. 229. |
| 29. — <i>sulcata</i> Lamck. (13) 12 | Fig. 2. | Reuss, Versteiner. böhm. Kreidegeb. II. 39. Taf. 28. Fig. 2—4. 8. |
| 30. — <i>armata</i> Gf. (13) 11 | Fig. 3. | |

V. Aus der Tertiärformation:

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| 31. <i>Ostraea ventilabrum</i> Gf. (13) 12 | Fig. 4. | <i>Ostraea bellovacina</i> Deshayes, Coq. foss. Tert. Paris I. 357. Tb. 50. Fig. 6. |
| 32. — <i>cymbula</i> Lamck. (14) 13 | Fig. 5. | Raulin, Bullet. soc. géol. France 1855. XII. 1159.
<i>Ostraea Meriani</i> Mayer, Berner Mittheilgn. 1855. Nr. 274. S. 92. cf. <i>Ostraea cyathula</i> Taf. 77. Fig. 5. |
| 33. — <i>flabellula</i> Lamck. (14) 13 | Fig. 6. | Nyst, Coq. foss. tert. Belgique 323. Taf. 29. Fig. 3. — Fr. Edwards, Eocene Mollusca I. 21. Tb. 3. Fig. 4. — Bronn, Lethaea geogn. VI. 351. Taf. 39. Fig. 15.
<i>Ostraea deformis</i> und <i>subplicata</i> Deshayes, Coq. foss. Env. Paris I. 345. 346. Tb. 48. Fig. 3. Tb. 55. Fig. 7. 8.
<i>Ostraea bifrons</i> Deshayes in Lamarck, Anim. s. vert. VII. 242.
<i>Ostraea divaricata</i> Lea, Contribut. 91. Tb. 3. Fig. 70. |
| 34. — <i>virgata</i> Gf. (15) 14 | Fig. 7. | Raulin, Bullet. soc. géol. France 1855. XII. 1159. |

Tafel 77.

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| 35. <i>Ostraea crispata</i> Gf. (15) 14 | Fig. 1. | Raulin, Bullet. soc. géol. France 1855. XII. 1157. |
| 36. — <i>bellovacina</i> Lamck (15) 14 | Fig. 2. | Nyst, Coq. foss. tert. Belgique 318. Tb. 30. Fig. 1. Tb. 31. Fig. 1. Tb. 32. Fig. 1. Tb. 33. Fig. 1. — Fr. Edwards, Eocene Mollusca I. 17. Tb. 3. Fig. 1. Tb. 3. Fig. 3. |
| 37. — <i>tegulata</i> Mstr. (16) 15 | Fig. 3. | <i>Ostraea edulina</i> Sowerby, Mineral Couchol. Tb. 388. Fig. 3. 4. |
| 38. — <i>palliata</i> Gf. (16) 15 | Fig. 4. | Dunker, Palaeontographica I. 164. |
| 39. — <i>cyathula</i> Lamck. (16) 15 | Fig. 5. | Raulin, Bullet. soc. géol. 1855. XII. 1161. |
| 40. — <i>cymbularis</i> Mstr. (17) 16 | Fig. 6. | <i>Ostraea Meriani</i> Mayer, Berner Mitthlgn. 1853. Nr. 274. S. 92. cf. <i>Ostraea cymbula</i> Taf. 76. Fig. 5. |
| 41. — <i>caudata</i> Mstr. (17) 16 | Fig. 7. | |

Tafel 78.

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| 42. <i>Ostraea lacerata</i> Gf. (17) 16 | Fig. 1. | |
| 43. — <i>undata</i> Lamck. (18) 16 | Fig. 2. | <i>Ostraea sacculus</i> Dujardin, Mém. soc. géol. France II. 272. — Raulin, Bullet. soc. géol. France 1855. XII. 1163. |
| 44. — <i>lamellosa</i> Brocch. 18) 17 | Fig. 3. | — <i>Ostraea edulis</i> cf. Nr. 45. |
| 45. — <i>edulis</i> Lin. (18) 17 | Fig. 4. | Raulin, Bullet. soc. géol. France 1855. XII. 1158. |
| | | Wood, Crag Mollusca II. 13. Tb. 2. Fig. 1. — Nyst, Coq. tert. Belgique 327. Tb. 31. Fig. 2. |

Tafel 79.

B. Ungefaltete Arten.

I. Aus dem Muschelkalk.

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|----------------------------------------------|---------|----------------------------------------------------------------------------------------|
| 46. <i>Ostraea placunoides</i> Mstr. (19) 18 | Fig. 1. | Giebel, Versteiner. Muschelkalk Lieskau 12. |
| | | <i>Ostraea subanomia</i> Fig. 2. |
| | | <i>Ostraea ostraciua</i> v. Seebach, Couchylienfauna Weimar. Trias 20 (excl. Synonym). |
| 47. — <i>subanomia</i> Mstr. (19) 18 | Fig. 2. | — <i>Ostraea placunoides</i> cf. Nr. 46. |
| 48. — <i>Schübleri</i> Alb. (19) 18 | Fig. 3. | |
| 49. — <i>reniformis</i> Mstr. (20) 18 | Fig. 4. | |

II. Aus dem Lias:

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| 50. <i>Ostraea irregularis</i> Mstr. (20) 18 | Fig. 5. | Questedt, Jura 45. Taf. 3. Fig. 15. |
| 51. — <i>laeviuscula</i> Mstr. (20) 19 | Fig. 6. | <i>Gryphaea arcuata</i> teste Oppel, Würtemb. Jahreshefte 1856. XII. 224. |
| 52. — <i>auricularis</i> Mstr. (20) 19 | Fig. 7. | <i>Ostraea Goldfussi</i> Bronu in Ersch Grub. Encycl. 3. Sect. VII. 199. |
| 53. — <i>squama</i> Mstr. (21) 19 | Fig. 8. | <i>Ostraea subauricularis</i> Oppel, Würtemb. Jahreshefte 1856. XII. 382. |

III. Aus der Oolithformation:

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| 54. <i>Ostraea sandalina</i> Gf. (21) 19 | Fig. 9. | |
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Tafel 80.

55. *Ostraea concentrica* Mstr. (21) 20 Fig. 1. *Ostraea excavata*, lingua, semicircularis Roemer, Versteiner. nordd. Oolithgeb. 60. Taf. 3. Fig. 6. 8. 9.
Ostraea multiformis Koch und Dunker, Versteiner. nordd. Oolithgeb. 45. Taf. 5. Fig. 11.
Ostraea menoides cf. Nr. 56.
Pholas pseudochiton Contejean Kimmeridgien Montbeliard 244. Taf. 21. Fig. 1. 2.
56. — *menoides* Mstr. (21) 20 Fig. 2. — *Ostraea concentrica* cf. Fig. 1.
57. — *striata* Mstr. (22) 20 Fig. 3.
58. — *falciformis* Gf. (22) 21 Fig. 4. — *Exogyra sinuata* cf. Taf. 87. Fig. 3.
59. — *explanata* Gf. (22) 21 Fig. 5. Bronn, Lethaea geogn. IV. 192. — Oppel, Würtemb. Jahreshefte 1856. XII. 542.
Ostraea eduliformis Zieten, Versteiner. Würtemb. 60. Taf. 45. Fig. 1. — Quenstedt, Jura 430.
Ostraea scapha Roemer, Versteiner. nordd. Oolithgeb. 59. Taf. 3. Fig. 1.

Tafel 81.

IV. Aus der Kreideformation:

60. *Ostraea hippopodium* Nils. (23) 21 Fig. 1. Reuss, Versteiner. böhm. Kreidegeb. II. 39. Taf. 28. Fig. 10–15. — d'Orbigny, Terr. crétac. III. 731. Tb. 481. Fig. 4–6.
61. — *vesicularis* Brgn. (23) 22 Fig. 2. — *Gryphaea vesicularis* Bronn, Lethaea geogn. V. 264. Taf. 32. Fig. 1.
Ostraea proboscidea Archiac, Mém. soc. géol. II. 184. Tb. 11. Fig. 9.
Ostraea ungula equina Hagenow, neues Jahrb. f. Mineral. 1842. 548.
Ostraea vesicularis, biauriculata d'Orbigny, Terr. crétac. III. 719. 742. Tb. 476. 487.

Tafel 82.

62. *Ostraea lateralis* Nils. (24) 23 Fig. 1. — *Exogyra lateralis* Reuss, Versteiner. böhm. Kreidegeb. II. 42. Taf. 27. Fig. 38–47.
Exogyra parvula Leymerie, Mém. soc. géol. France 1842. V. 17. Tb. 12. Fig. 8. 9.
Ostraea canaliculata d'Orbigny, Terr. crétac. III. 709. Tb. 471. Fig. 4–8.
Exogyra sinuata cf. Taf. 87. Fig. 3.
63. — *curvirostris* Nils. (24) 23 Fig. 2.
64. — *acutirostris* Nils. (25) 23 Fig. 3.
65. — *conirostris* Mstr. (25) 23 Fig. 4.

V. Aus der Tertiärformation:

66. *Ostraea mutabilis* Desh. (25) 24 Fig. 5.
67. — *cmarginata* Mstr. (26) 24 Fig. 6.
68. — *linguatula* Lamck. (26) 24 Fig. 7. — *Ostraea cyathula* Lamck. Deshayes, Coq. foss. tert. Paris I. 369. Tb. 54. Fig. 1. 2. Tb. 61. Fig. 1–4.
69. — *longirostris* Lamck. (26) 24 Fig. 8. — *Ostraea gryphoides* Schloth. Reuss, Wiener Sitzungsberichte 1860. XXXIX. 232.
Ostraea Knorri u. *helvetica* DeFrance, Dict. sc. nat. XXII. 27.
? *Ostraea crassissima* Lamarek, Anim. s. vertebres VIa. 217. — Raulin, Bullet. soc. géol. France 1855. XII. 1157.

Tafel 83.

70. *Ostraea deltoidea* Lamck. (27) 25 Fig. 1. *Ostraea subdeltoidea* Raulin, Bullet. soc. géol. France 1855. XII. 1154.

71. *Ostraea callifera* Lamck. (27) 25 Fig. 2.

Sandberger, Mainzer Tertiärbecken 377. Taf. 34. 35. — Fr. Edwards, Eocene Mollusca I. 18. Tb. 5. Fig. 1. — Bronn, Lethaea geogn. VI. 354. Taf. 39. Fig. 14.

Ostraea hippopus Deshayes, Coq. foss. Paris I. 356. Tb. 48. Fig. 49. 50.
Ostraea gingensis Schloth. Reuss, Wiener Sitzungsber. 1860. XXXIX. 231.

Gryphaea Lamck.

Tafel 84.

I. Aus dem Lias:

1. *Gryphaea arcuata* Lamck. (28) 27 Fig. 1. 2.

Bronn, Lethaea geogn. IV. 194. Taf. 19. Fig. 1.

Gryphaea Maccullochi Sowerby, Mineral Conch. Tb. 547. Fig. 1. 2.

Gryphaea ovalis Zieten, Versteiner. Würtemb. 92. Taf. 89. Fig. 1.

Gryphaea suilla Taf. 85. Fig. 3.

2. — *cymbium* Lamck. (29) 27 Fig. 3—5.

— *Gryphaea cymbula* Lamck. Bronn, Lethaea geogn. IV. 197.

Gryphaea Maccullochi Zieten, Versteiner. Würtemb. 65. Taf. 49. Fig. 3.

Gryphaea obliqua Taf. 85. Fig. 2.

Gryphaea gigantea Taf. 85. Fig. 5.

Tafel 85.

Gryphaea cymbium Lamck. (29) 28 Fig. 1.

3. — *obliqua* Sow. (30) 28 Fig. 2.

— *Gryphaea cymbula* cf. Nr. 2.

Quenstedt, Jura 107. Taf. 13. Fig. 47. — Oppel, Würtemb. Jahreshefte 1856. XII. 225.

4. — *suilla* Schloth (30) 28 Fig. 3.

— *Gryphaea arcuata* cf. Nr. 1.

5. — *Maccullochi* Sow. (30) 29 Fig. 4.

— *Gryphaea arcuata* cf. Nr. 1.

Gryphaea obliqua auctore Oppel, Würtemb. Jahreshefte 1856. XII. 225.

II. Aus der Oolithformation:

6. *Gryphaea gigantea* Sow. (31) 29 Fig. 5.

— *Gryphaea cymbula* cf. Nr. 2.

Tafel 86.

7. *Gryphaea polymorpha* Mstr. (31) 29 Fig. 1.

III. Aus der Tertiärformation:

8. *Gryphaea navicularis* Bronn (31) 29 Fig. 2.

Exogyra Sow.

I. Aus der Oolithformation:

1. *Exogyra virgula* Gf. (33) 31 Fig. 3.

— *Exogyra angustata* Bronn, Lethaea geogn. IV. 202. Taf. 18. Fig. 15.
Ostraea virgula DeFr. Thurmann u. Etallon, neue schweiz. Denkschriften XIX. 275. Taf. 39. Fig. 10.

2. — *spiralis* Gf. (33) 31 Fig. 4.

Quenstedt, Jura 752. Taf. 91. Fig. 31. 32.

Exogyra reniformis Fig. 6. 7. — *E. subnodosa* Fig. 8.

Ostraea spiralis Thurmann u. Etallon, neue schweiz. Denkschriften XIX. 274. Taf. 39. Fig. 3.

Exogyra tuberculifera Koch u. Dunker, Beitr. nordd. Oolithgeb. 54. Taf. 6. Fig. 8.

3. — *auriformis* Gf. (33) 31 Fig. 5.

Morris and Lycett, Mollusca Great Oolite II. 5. Tb. 1. Fig. 7.

Ostraea obscura Sowerby, Mineral Conch. Tb. 448. Fig. 2.

Ostraea auriformis Thurmann u. Etallon, neue schweiz. Denkschriften XIX. 273. Taf. 38. Fig. 9.

4. — *reniformis* Gf. (34) 32 Fig. 6. 7.

— *Exogyra spiralis* cf. Nr. 2.

Ostraea subnana Thurmann u. Etallon, neue schweiz. Denkschriften XIX. 276. Taf. 39. Fig. 4. — *Ostraea subreniformis* Idem Fig. 9.

5. — *subnodosa* Mstr. (34) 32 Fig. 8.

— *Exogyra spiralis* cf. Nr. 2.

II. Aus der Kreideformation:

- | | | |
|---------------------------------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6. <i>Exogyra columba</i> Gf. (34) 32 | Fig. 9. | Bronn, Lethaea geogn. V. 270. Taf. 31. Fig. 10. — Reuss, Versteiner. böhm. Kreidegeb. II. 43. Taf. 31. Fig. 1—4.
Ostraea columba d'Orbigny, Terr. crétaç. III. 721. Tb. 477. |
| 7. — undata Gf. (35) 33 | Fig. 10. | — <i>Exogyra plicatula</i> Lamck. Reuss, Versteiner. böhm. Kreidegeb. II. 44. Taf. 31. Fig. 5—7.
Ostraea conica d'Orbigny, Terr. crétaç. III. Tb. 478. Fig. 5—8; Tb. 479. Fig. 1—3. |
| 8. — decussata Gf. (35) 33 | Fig. 11. | |
| 9. — laciniata Gf. (35) 33 | Fig. 12. | Ostraea laciniata d'Orbigny, Terr. crétaç. III. 739. Tb. 486. Fig. 1—3. |

Tafel 87.

- | | | |
|----------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10. <i>Exogyra conica</i> Sow. (36) 34 | Fig. 1. | <i>Exogyra subcarinata</i> Fig. 4. |
| 11. — cornu arietis Gf. (36) 34 | Fig. 2. | |
| 12. — aquila Gf. (36) 34 | Fig. 3. | — <i>Exogyra sinuata</i> Leymerie, Bullet. soc. géol. France 1840. XI. 124.
Gryphaea sinuata Sowerby.
Gryphaea latissima Lamarck. |
| 13. — subcarinata Mstr. (37) 35 | Fig. 4. | — <i>Exogyra conica</i> cf. Nr. 10. |
| 14. — plicata Gf. (37) 35 | Fig. 5. | Sharpe, Quart. journ. geol. London 1849. VI. 184.
<i>Exogyra flabellata</i> Fig. 6.
<i>Exogyra harpa</i> Fig. 7.
Ostraea flabella, Boussingaulti u. Matheronana d'Orbigny, Terr. crétaç. III. 717. Tb. 475. 468. 485.
Gryphaea harpa Forbes, Quart. journ. geol. London 1845. I. Tb. 3. Fig. 12. |
| 15. — flabellata Gf. (38) 35 | Fig. 6. | — <i>Exogyra plicata</i> cf. Nr. 14. |
| 16. — harpa Gf. (38) 36 | Fig. 7. | — <i>Exogyra plicata</i> cf. Nr. 14. |

Tafel 88.

- | | | |
|---------------------------------------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 17. <i>Exogyra haliotoidea</i> Sow. (38) 36 | Fig. 1. | Bronn, Lethaea geogn. V. 268. Taf. 23. Fig. 3. — Reuss, Versteiner. böhm. Kreidegeb. II. 44. Taf. 27. Fig. 5. 9. 10. Taf. 31. Fig. 8. 9. 10.
Ostraea haliotoidea d'Orbigny, Terr. crétaç. III. 724. Tb. 478. Fig. 1—4. |
| 18. — auricula Gf. (39) 36 | Fig. 2. | — <i>Exogyra haliotoidea</i> . Var.
Reuss, Versteiner. böhm. Kreidegeb. II. 44. Taf. 27. Fig. 11. |
| 19. — planospirites Gf. (39) 37 | Fig. 3. | — <i>Exogyra haliotoidea</i> . Var. |
| 20. — inflata Gf. (121) Taf. 114. | Fig. 8. | ? |

Anomia Lin.

- | | | |
|------------------------------------------|---------|--------------------------------------------------------------------------|
| 1. <i>Anomia striata</i> Brocch. (39) 37 | Fig. 4. | Wood, Crag Mollusca II. 11. Tb. 2. Fig. 3. |
| 2. — orbiculata Brocch. (40) 37 | Fig. 5. | |
| 3. — ephippium Lin. (40) 38 | Fig. 6. | Bronn, Lethaea geogn. 17. 350. Taf. 39. Fig. 18. |
| 4. — squamosa Lin. (40) 38 | Fig. 7. | — <i>Anomia ephippium</i> cf. Fig. 6. |
| 5. — lens Lamck. (40) 38 | Fig. 8. | ? <i>Anomia ephippium</i> Lin. Wood, Crag Mollusca II. 8. Tb. 1. Fig. 3. |

Pecten Lin.

A. Gerippte und gestreifte Arten.

I. Aus der Grauwackenformation:

- | | | |
|-----------------------------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. <i>Pecten grandaevus</i> Gf. (41) 39 | Fig. 9. | <i>Pecten primigenius</i> v. Meyer, nov. acta Acad. Leopold. XV b. 108.
<i>Pecten subspinulosus</i> Sandberger, Versteiner. rhein. Schichtsys. Nassau 296. Taf. 30. Fig. 11. |
| 2. — Oceani Gf. (42) 39 | Fig. 10. | |

II. Aus dem Muschelkalk:

3. *Pecten alternans* Mstr. (42) 40 Fig. 11.
 4. — *tenuistriatus* Mstr. (42) 40 Fig. 12.

Giebel, Verstein. Muschelkalk Lieskau 16. Taf. 2. Fig. 20.

Tafel 89.

5. *Pecten inaequistriatus* Mstr. (42) 40 Fig. 1.
 6. — *reticulatus* Schloth (43) 40 Fig. 2.

Giebel, Verstein. Muschelkalk Lieskau 21. Taf. 2. Fig. 18.
 Monotis Albertii Taf. 120. Fig. 6.
 Avicula Albertii v. Strombeck, geolog. Zeitschrift 1849. I. 135. — Bronn, Lethaea geogn. III. 65. Taf. 13. Fig. 7.
 Giebel, Verstein. Muschelkalk Lieskau 23.

III. Aus dem Lias:

7. *Pecten textilis* Mstr. (43) 41 Fig. 3.
 8. — *aequivalvis* Sow. (43) 41 Fig. 4.
 9. — *priscus* Schloth (43) 41 Fig. 5.
 10. — *acutiradiatus* Mstr. (44) 41 Fig. 6.
 11. — *vimineus* Sow. (44) 42 Fig. 7.
 12. — *vagans* Sow. (44) 42 Fig. 8.
 13. — *textorius* Schloth (45) 42 Fig. 9.

Zieten, Versteiner. Würtemb. 68. Taf. 52. Fig. 4. — Bronn, Lethaea geogn. IV. 208. Taf. 19. Fig. 4. — Quenstedt, Jura 183. Taf. 23. Fig. 1.
Pecten acuticostatus Zieten, Verstein. Würtemb. 70. Taf. 54. Fig. 6.
Pecten costulatus Zieten, Verstein. Würtemb. 68. Tb. 52. Fig. 3.
Pecten priscus Fig. 5.
Pecten acutiradiatus Fig. 6.
 — *Pecten aequivalvis* cf. Nr. 8.
 Quenstedt, Jura 147. Taf. 18. Fig. 18–20.
 — *Pecten aequivalvis* cf. Nr. 8.
 Cf. d'Orbigny.
 Quenstedt, Jura 78. Taf. 9. Fig. 12; 147. Taf. 18. Fig. 17.

Tafel 90.

14. *Pecten texturatus* Mstr. (45) 43 Fig. 1.
 15. — *velatus* Gf. (45) 43 Fig. 2.
 16. — *novemplicatus* Mstr. (45) 43 Fig. 3.

Oppel, Würtemb. Jahreshfte 1856. XII. 223. — *Pecten Trigeri* Oppel, a. a. O.
 Hinnites velatus Morris and Lycett, Mollusca Great Oolite II. 14. Tb. 2. Fig. 2.
Spondylus velatus Goldfuss, Taf. 105. Fig. 4.
 Quenstedt, Jura 148. Taf. 18. Fig. 26; 184. Taf. 23. Fig. 3.
Pecten tumidus Oppel, Würtemb. Jahreshfte 1856. XII. 301.

IV. Aus der Oolithformation:

17. *Pecten subpinosus* Schloth (46) 44 Fig. 4.
 18. — *ambiguus* Mstr. (46) 43 Fig. 5.
 19. — *fibrosus* Sow. (46) 44 Fig. 6.
 20. — *dentatus* Sow. (46) 44 Fig. 7.
 21. — *subarmatus* Mstr. (47) 44 Fig. 8.
 22. — *subcancellatus* Mstr. (47) 44 Fig. 9.

Quenstedt, Jura 500. Taf. 67. Fig. 3. 4; 754. Taf. 92. Fig. 5. 6. — Thurmann u. Etallon, neue schweiz. Denkschriften XIX. 251. Taf. 35. Fig. 4.
Pecten Buchardi Oppel, Würtemb. Jahreshfte 1857. XIII. 194.
 Oppel, Würtemb. Jahreshfte 1856. XII. 539.
Lima notata Zieten, Versteiner. Würtemb. Taf. 53. Fig. 8.
Pecten genis d'Orbigny, Pal. stratigr.
 Bronn, Lethaea geogn. IV. 211. Taf. 19. Fig. 6. — d'Orbigny, MKV. Russia and Ural Tb. 42. Fig. 3. 4.
Pecten subfibrosus d'Orbigny, Pal. stratigr. I. 373. — Thurmann und Etallon, neue schweiz. Denkschriften XIX. 254. Taf. 36. Fig. 1.
 Quenstedt, Jura 753. Taf. 92. Fig. 3.
 Quenstedt, Jura 754. Taf. 92. Fig. 8. 9.

23. *Pecten articulatus* Schloth (47) 45 Fig. 10. Quenstedt, Jura 754. Taf. 92. Fig. 11. — Thurmann und Etallon, neue schweiz. Denkschriften XIX. 355. Taf. 36. Fig. 2.
Pecten subarticulatus u. *nusus* d'Orbigny, Pal. stratigr. II. 22.
Pecten barbatus cf. Nr. 25.
24. — *subtextorius* Mstr. (48) 45 Fig. 11. Quenstedt, Jura 754. Taf. 92. Fig. 4. — Thurmann u. Etallon, neue schweiz. Denkschriften XIX. 256. Taf. 36. Fig. 4.
25. — *barbatus* Sow. (48) 45 Fig. 12. — *Pecten articulatus* cf. Fig. 10.
26. — *subpunctatus* Mstr. (48) 45 Fig. 13. Quenstedt, Jura 627. Taf. 77. Fig. 27—29.
27. — *giganteus* Mstr. (48) 46 Fig. 14.

Tafel 91.

28. *Pecten obscurus* Sow. (48) 46 Fig. 1. — *Pecten comatus* cf. Fig. 5.
29. — *annulatus* Sow. (49) 46 Fig. 2. — *Pecten lamellosus* Sow. Bronn, Lethaea geogn. V. 274. Taf. 30. Fig. 20.
— Cf. Morris and Lycett, Mollusca Great Oolite II. 12.
Peeten suprajurensis Buvignier, Mém. soc. philom. Verdun II. 12. Tb. 5. Fig. 1—3.
Peeten concentricus Koeh u. Dunker, Beitr. nordd. Oolithgeb. 43. Taf. 5. Fig. 8.
30. — *lens* Sow. (49) 46 Fig. 3. Morris and Lyeett, Mollusca Great Oolite II. Tb. 2. Fig. 1. — Bronn, Lethaea geogn. IV. 206. Taf. 19. Fig. 7. — Quenstedt, Jura 322. 432. Taf. 59. Fig. 3. 4.
Peeten striatopunctatus d'Orbigny, Terr. erétac. III. 592. Tb. 432. Fig. 4—7.
Peeten areuatus Sowerby, Mineral Conch. Tb. 205. Fig. 5. 7.
31. — *strictus* Mstr. (49) 47 Fig. 4. *Peeten Decheni* Roemer, Versteiner. nordd. Oolithgeb. 28. Taf. 18. Fig. 25.
32. — *comatus* Mstr. (50) 47 Fig. 5. *Pecten annulatus* Roemer, Versteiner. nordd. Oolithgeb. 70.
Pecten obscurus cf. Nr. 28.

V. Aus der Kreideformation:

33. *Pecten arcuatus* Sow. (50) 47 Fig. 6. — *Pecten virgatus* Nilson. d'Orbigny, Terr. erétac. 602. Tb. 434. Fig. 7—10.
Peeten divaricatus Reuss, Versteiner. böhm. Kreidegeb. II. 28. Taf. 29. Fig. 6.
34. — *undulatus* Nils. (50) 48 Fig. 7. — *Pecten nitidus* Mantell, Geology Sussex 202. Tb. 26. Fig. 4. 9.
35. — *miscellus* Mstr. (51) 48 Fig. 8.
36. — *pulchellus* Nils. (51) 48 Fig. 9. v. Strombeek, geolog. Zeitschrift 1863. XV. 154.
Pecten subaratus Reuss, Versteiner. böhm. Kreidegeb. II. 29. Taf. 39. Fig. 16.
37. — *spurius* Mstr. (51) 48 Fig. 10. — *Pecten pulchellus* cf. Nr. 36.
38. — *complicatus* Gf. (51) 49 Fig. 11.
39. — *actinodus* Gf. (52) 49 Fig. 12.
40. — *ternatus* Mstr. (52) 49 Fig. 13. — *Pecten Dujardini* Roemer, Versteiner. nordd. Kreidegeb. 53.
41. — *trigeminatus* Gf. (52) 49 Fig. 14. v. Strombeek, geolog. Zeitschrift 1863. XV. 155.

Tafel 92.

42. *Pecten seriatopunctatus* Mstr. (52) 49 Fig. 1.
43. — *decemcostatus* Mstr. (53) 50 Fig. 2. Reuss, Versteiner. böhm. Kreidegeb. II. 28. Taf. 39. Fig. 14.
44. — *multicostatus* Nils. (53) 50 Fig. 3.
45. — *depressus* Mstr. (53) 50 Fig. 4.
46. — *Beaveri* Sow. (54) 51 Fig. 5. Bronn, Lethaea geogn. V. 273. Taf. 30. Fig. 19.

47. *Pecten aequicostatus* Lamck. (54) 51 Fig. 6. *Janira aequicostata* d'Orbigny, Terr. crétac. III. 657. Tb. 445. Fig. 1—4. *Pecten longicollis* Roemer, Versteiner. nordd. Kreidegeb. 54. Taf. 8. Fig. 8.
48. — *quadricostatus* Sow. (54) 51 Fig. 7. *Janira quadricostata* d'Orbigny, Terr. crétac. III. 644. Tb. 447. Fig. 1—7. *Neithea quadricostata* Bronn, Lethaea geogn. V. 277. Taf. 30. Fig. 16.

Tafel 93.

49. *Pecten quinquecostatus* Sow. (55) 52 Fig. 1. *Janira quinquecostata* d'Orbigny, Terr. crétac. III. 632. Tb. 444. Fig. 1—5. *Neithea quinquecostata* Bronn, Lethaea geogn. V. 275. Taf. 30 Fig. 17. *Pecten versicostatus* Reuss, Versteiner. böhm. Kreidegeb. II. 31.
50. — *striatocostatus* Gf. (55) 52 Fig. 2 a. b. *Janira striatocostata* d'Orbigny, Terr. crétac. III. 650. Tb. 449. Fig. 5—9. *Janira Dutemplei* d'Orbigny, Terr. crétac. III. 646. Tb. 447. Fig. 8—10.
54. — *notabilis* Mstr. (56) 53 Fig. 3.
55. — *ptychodes* Gf. (56) 53 Fig. 4. — *Pecten septemplex* Nilson, Petrific. suecana. Tb. 10. Fig. 8.
56. — *subgranulatus* Mstr. (56) 53 Fig. 5.
57. — *cicatricatus* Gf. (56) 53 Fig. 6. Reuss, Versteiner. böhm. Kreidegeb. II. 31.
58. — *Faujasi* Defr. (57) 54 Fig. 7.
56. — *sectus* Gf. (57) 54 Fig. 8.
57. — *muricatus* Gf. (57) 54 Fig. 9.

Tafel 94.

58. *Pecten asper* Lamck. (58) 54 Fig. 1. d'Orbigny, Terr. crétac. III. 599. Tb. 434. Fig. 1—6. — Reuss, Versteiner. böhm. Kreidegeb. II. 30. Taf. 40. Fig. 5.
59. — *cretosus* Defr. (58) 55 Fig. 2. — *Pecten elongatus* Lamck. d'Orbigny, Terr. crétac. III. 607. Tb. 436. Fig. 1—4.
60. — *serratus* Nils. (58) 55 Fig. 3. *Pecten crispus* Roemer, Versteiner. nordd. Kreidegeb. 51. — *Pecten Hisingeri* Bronn, Lethaea geogn. V. 272. Taf. 30. Fig. 18.
61. — *hispidus* Gf. (59) 55 Fig. 4. Reuss, Versteiner. böhm. Kreidegeb. II. 30. Taf. 39. Fig. 19.

VI. Aus der Tertiärformation:

62. *Pecten cancellatus* Gf. (59) 56 Fig. 5.
63. — *limatus* Gf. (59) 56 Fig. 6. — *Pecten pusio* Penn. Wood, Crag Mollusca II. 33. Tb. 6. Fig. 4. *Pecten striatus* Nyst, Coq. foss. tert. Belgique 301. Tb. 15. Fig. 1. *Pecten serratus* Dubois, Conch. foss. Volhyn. 73. Tb. 8. Fig. 5. *Hinnites sinuosus* Deshayes in Lamarek, Anim. s. vert. VII. 149. — ? *Pecten pusio* cf. Nr. 63.
64. — *elongatus* Lamck. (59) 56 Fig. 7.
65. — *subimbricatus* Mstr. (60) 56 Fig. 8.
66. — *imbricatus* Desh. (60) 56 Fig. 9.
67. — *Hoeninghausi* Defr. (60) 57 Fig. 10. Sandberger, Mainzer Tertiärbecken 370. Taf. 32. Fig. 2.

Tafel 95.

68. *Pecten varius* Lamck. (61) 57 Fig. 1.
69. — *triangularis* Gf. (61) 58 Fig. 2.
70. — *spinulosus* Mstr. (61) 58 Fig. 3.
71. — *ianus* Mstr. (62) 58 Fig. 4.
72. — *scabrellus* Lamck. (62) 58 Fig. 5. — *Pecten dubius* Wood, Crag Mollusca II. 38. Tb. 4. Fig. 3. Tb. 6. Fig. 3. *Pecten Sowerbyi* Nyst, Coq. foss. tert. Belgique 293. Tb. 22. Fig. 3b.

73. *Pecten opercularis* Lamck. (62) 59 Fig. 6. Wood, Crag Mollusca II. 35. Tb. 6. Fig. 2. — Giebel, Zeitschrift f. ges. Naturwiss. 1854. IV. 366.
Pecten sulcatus und *reconditus* Nyst, Coq. foss. d'Anvers 19.
Pecten rectangulus und *pulchellinus* Dubois l. c.
Pecten Sowerbyi Nyst, Coq. foss. tert. Belgique 293. Tb. 22. Fig. 3 b; Tb. 22¹.
Pecten Malvinae Dubois, Coq. foss. Volhyn. 71. Tb. 8. Fig. 2. 3. — Rolle, Wiener Sitzungsberichte 1859. XXXVI. 69.
74. — *sarmenticius* Gf. (63) 59 Fig. 7. *Pecten Makovii* Dubois, Coq. tert. Volhyn. 70. Tb. 8. Fig. 12.
75. — *asperulus* Mstr. (63) 59 Fig. 8.

Tafel 96.

76. *Pecten striatocostatus* Mstr. (63) 60 Fig. 1.
77. — *ambiguus* Mstr. (64) 60 Fig. 2.
78. — *striatus* Mstr. (64) 60 Fig. 3. — ? *Pecten Bruei* cf. Nr. 89.
79. — *Hofmanni* Gf. (64) 60 Fig. 4.
80. — *decussatus* Mstr. (65) 61 Fig. 5. Deshayes, Anim. s. vert. Paris II. 75. Tb. 79. Fig. 15—19. — Sandberger, Mainzer Tertiärbecken 373. Taf. 33. Fig. 2.
Pecten textus Philippi, Tertiärversteiner. NW. Deutschlds. 50. 72. Taf. 2. Fig. 16.
Pecten pectoralis cf. Taf. 98. Fig. 4.
81. — *palmatus* Lamck. (65) 61 Fig. 6.
82. — *solarium* Lamck. (65) 61 Fig. 7.
83. — *flabelliformis* Defr. (65) 62 Fig. 8.
84. — *burdigalensis* Lamck. (66) 62 Fig. 9. *Pecten Hermannseni* Dunker, Palaeontographica I. 165. Taf. 22. Fig. 4.

Tafel 97.

85. *Pecten venustus* Gf. (66) 63 Fig. 1.
86. — *ventilabrum* Gf. (67) 63 Fig. 2. — ? *Pecten dubius* cf. Nr. 72.
87. — *compositus* Gf. (67) 63 Fig. 3. Sandberger, Mainzer Tertiärbecken 371. Taf. 32. Fig. 4.
88. — *pictus* Gf. (67) 64 Fig. 4. Sandberger, Mainzer Tertiärbecken 372. Taf. 33. Fig. 3. 4. 6.
Pecten Deshayesi Nyst, Coq. foss. Housselt 15. Tb. 2. Fig. 38. — *Pecten Lamalii* Nyst, Coq. foss. tert. Belgique 305. Tb. 22. Fig. 5; Tb. 24. Fig. 5.
89. — *decemplicatus* Mstr. (68) 64 Fig. 5. — *Pecten Bruei* Payr. Wood, Crag Mollusca II. 29. Tb. 5. Fig. 3.
90. — *laevigatus* Gf. (68) 64 Fig. 6.
91. — *propinquus* Mstr. (68) 64 Fig. 7.
92. — *Hausmanni* Gf. (69) 65 Fig. 8. *Pecten multisulcatus* Bronn, Jahrb. f. Mineral. 1831. 173.
Pecten lucidus cf. Fig. 11.
93. — *lepidus* Gf. (69) 65 Fig. 9.
94. — *bifidus* Mstr. (69) 65 Fig. 10. Giebel, Zeitschrift f. ges. Naturwiss. 1854. IV. 293. 367.
95. — *lucidus* Gf. (69) 65 Fig. 11. — *Pecten Hausmanni* cf. Nr. 92.

Tafel 98.

96. *Pecten Menkei* Gf. (70) 66 Fig. 1. Giebel, Zeitschrift f. ges. Naturwiss. 1854. IV. 366.
Pecten scabridus Eichwald, Lethaea rossica 63. Taf. 4. Fig. 5.
Pecten pulchellinus Dubois, Volhyn. Taf. 8. Fig. 9.

97. *Pecten macrotus* Gf. (70) 66 Fig. 2.
 98. — *Münsteri* Gf. (70) 66 Fig. 3. — *Pecten decussatus* cf. Taf. 96. Fig. 5.
 99. — *pectoralis* Mstr. (71) 67 Fig. 4. *Pecten decussatus* cf. Taf. 96. Fig. 5.
 100. — *semistriatus* Mstr. (71) 67 Fig. 5.
 101. — *crinitus* Mstr. (71) 67 Fig. 6.
 102. — *semicostatus* Mstr. (72) 67 Fig. 7.

B. Glatte Arten.

I. Aus dem Zechstein:

103. *Pecten pusillus* Mstr. (72) 68 Fig. 8. King, Permian Fossils 153. Tb. 13. Fig. 1—3.

II. Aus dem Muschelkalk:

104. *Pecten vestitus* Gf. (72) 68 Fig. 9. — *Pecten laevigatus* Bronn, Jahrb. f. Mineral 1829. I. 76. — v. Zieten, Versteiner. Würtemb. Taf. 69. Fig. 4. — v. Strombeck, geolog. Zeitschrift 1849. I. 137.
 105. — *discites* Hehl (73) 68 Fig. 10. Giebel, Versteiner. Muschelkalk Lieskau 18. Taf. 2. Fig. 3. 8.

III. Aus dem Lias:

106. *Pecten corneus* Sow. (73) 69 Fig. 11. *Pecten liasinus* Oppel, Würtemb. Jahreshfte 1856. XII. 301.
 107. — *subulatus* Mstr. (73) 69 Fig. 12. *Pecten disciformis* von Zieten, Versteiner. Würtemb. 69. Taf. 53. Fig. 2.
 — ? *Pecten glaber* cf. Taf. 99. Fig. 1. Nr. 108.

Tafel 99.

108. *Pecten calvus* Gf. (74) 69 Fig. 1. — *Pecten glaber* Zieten, Versteiner. Würtemb. Taf. 53. Fig. 1.
 109. — *demissus* Phill. (74) 70 Fig. 2. Quenstedt, Jura 184. Taf. 23. Fig. 1.
 110. — *cingulatus* Phill. (74) 70 Fig. 3. Morris and Lycett, Mollusca Great Oolite III. 127. Tb. 14. Fig. 7. — Quenstedt, Jura 353. Taf. 48. Fig. 6. 7; 381.
 111. — *paradoxus* Mstr. (78) 70 Fig. 4. Quenstedt, Jura 597. Taf. 74. Fig. 10.
 — *Pecten incrustans* Defr. Broun, Lethaea geogn. IV. 213. Tb. 19. Fig. 5.
Pecten contrarius Quenstedt, Jura 258. Taf. 36. Fig. 15—17. — *Pecten undenarius* Quenstedt, Jura 321. Taf. 44. Fig. 14.

III. Aus der Oolithformation:

112. *Pecten personatus* Gf. (75) 71 Fig. 5. Quenstedt, Jura 337. Taf. 46. Fig. 21—24.
Pecten pumilus Oppel, Würtemb. Jahreshfte 1856. XII. 539.

IV. Aus der Kreideformation:

113. *Pecten squamula* Lamck. (75) 71 Fig. 6. Reuss, Versteiner. böhm. Kreidegeb. II. 27. Taf. 39. Fig. 12.
Pecten inversus Nilson, Petref. suec. 24. Tb. 9. Fig. 18.
Pecten octosulcatus Geinitz, Character. sächs. Kreidegeb. 83. Taf. 21. Fig. 8.
 114. — *membranaceus* Nils. (75) 71 Fig. 7. — *Pecten orbicularis* Sow. d'Orbigny, Terr. crétac. III. 597. Tb. 433. Fig. 14—16.
 Reuss, Versteiner. böhm. Kreidegeb. II. 26. Taf. 39. Fig. 4. — v. Strombeck, geolog. Zeitschrift 1863. XV. 154.
Pecten spatulatus Roemer, Versteiner. nordd. Kreidegeb. 50. Taf. 8. Fig. 5.
 115. — *Nilsoni* Gf. (76) 71 Fig. 8. d'Orbigny, Terr. crétac. III. 616. Tb. 439. Fig. 12—14. — Reuss, Versteiner. böhm. Kreidegeb. II. 26. Taf. 39. Fig. 1—3.
Pecten orbicularis Nilson, Petrefact. suec. 23. Tb. 10. Fig. 12.
 116. — *laminosus* Mant. (76) 72 Fig. 9. — *Pecten orbicularis* Sow. cf. Nr. 114.
 117. — *circularis* Gf. (76) 72 Fig. 10. *Pecten crassitesta* Roemer, Versteiner. nordd. Kreidegeb. 50.

V. Aus der Tertiärformation:

118. *Pecten semicingulatus* Mstr. (77) 72 Fig. 11. Giebel, Zeitschrift f. ges. Naturwiss. 1854. IV. 367.

119. *Pecten suborbicularis* Mstr. (77) 72 Fig. 12.
 120. — *cristatus* Bronn (77) 73 Fig. 13.
 121. — *pygmaeus* Mstr. (77) 73 Fig. 14.
 122. — *luteatus* Gf. (78) 73 Taf. 114. Fig. 9.

Tafel 100.

Lima Desh.

I. Aus dem Muschelkalk:

1. *Lima striata* Desh. (78) 74 Fig. 1. Giebel, Versteiner. Muschelkalk Lieskau 26. Taf. 6. Fig. 11. — v. Strombeck, geolog. Zeitschrift 1849. I. 152.
 2. — *costata* Mstr. (79) 74 Fig. 2. Plagiostoma striatum von Zieten, Versteiner. Würtemb. 66. Taf. 50. Fig. 1.
 3. — *lineata* Desh. (79) 75 Fig. 3. Dunker, Palaeontogr. I. 291. Taf. 34. Fig. 25.
 4. — *radiata* Gf. (79) 75 Fig. 3. Bronn, Lethaea geogn. Trias 58. Taf. 11. Fig. 10.
 — *Lima radiata* cf. Fig. 4. Plagiostoma interpunctatum Schmid u. Schleiden, Geognosie Saalthal 42. Taf. 4. Fig. 6.
 — *Lima lineata* cf. Nr. 3.

II. Aus dem Lias:

5. *Lima Hermannii* Voltz (80) 75 Fig. 5. — *Lima succincta* Bronn, Lethaea geogn. IV. 216.
 Quenstedt, Jura 47. Taf. 4. Fig. 3.

Tafel 101.

6. *Lima gigantea* Desh. (80) 76 Fig. 1. Bronn, Lethaea geogn. IV. 217. Taf. 19. Fig. 8. — Plagiostoma giganteum Quenstedt, Jura 77. Taf. 9. Fig. 10.
 7. — *punctata* Desh. (81) 76 Fig. 2. Plagiostoma punctata Sowerby, Mineral Conchol. Tb. 113. Fig. 1. 2.
 — *Lima punctata* u. *punctatula* Roemer, Versteiner. nordd. Oolithgeb. 30. 31.
 — *Lima edula* d'Orbigny, Pal. stratigr.
 8. — *inaequistriata* Mstr. (81) 77 Fig. 2. Morris and Lycett, Mollusca Great Oolite III. 130. Tb. 15. Fig. 9.
 Taf. 114. Fig. 10. Auctore Bronn = *Lima gigantea* cf. Nr. 6.
 9. — *decorata* Mstr. (81) 77 Taf. 114. Fig. 11. Plagiostoma semilunare von Zieten, Versteiner. Würtemb. Taf. 50. Fig. 4.
 Cf. unten.

III. Aus der Oolithformation:

10. *Lima tenuistriata* Mstr. (82) 77 Fig. 3. Plagiostoma striatum Quenstedt, Jura 436.
 11. — *ovalis* Desh. (82) 77 Fig. 4. Morris and Lycett, Mollusca Great Oolite II. 29. Tb. 3. Fig. 5.
 12. — *acicula* Mstr. (82) 77 Fig. 5. — *Lima aciculata* Thurmann u. Etallon, neue schweiz. Denkschriften XIX. 248. Taf. 34. Fig. 5.
 ? *Lima scabrosa* Taf. 102. Fig. 8.
 13. — *exarata* Gf. (82) 78 Taf. 121. Fig. 4.
 14. — *semicircularis* Gf. (83) 78 Fig. 6. Morris and Lycett, Mollusca Great Oolite II. 29. Tb. 3. Fig. 3.
 15. — *rigida* Desh. (83) 78 Fig. 7. Plagiostoma semicircularare Quenstedt, Jura 436. Taf. 59. Fig. 11.
 Thurmann und Etallon, neue schweiz. Denkschriften XIX. 242. Taf. 38. Fig. 3.

Tafel 102.

16. *Lima notata* Gf. (83) 79 Fig. 1. Plagiostoma notatum Quenstedt, Jura 629.

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|-----------------------------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 17. <i>Lima semilunaris</i> Gf. (84) 79 | Fig. 2. | <i>Lima tumida</i> und <i>aciculata</i> Roemer, Versteiner. nordd. Oolithgeb. 77. Taf. 13. Fig. 13. Taf. 14. Fig. 1.
<i>Lima subsemilunaris</i> d'Orbigny, Pal. stratigr. II. 20. |
| 18. — <i>laeviuscula</i> Desh. (84) 79 | Fig. 3. | <i>Lima grandis</i> Roemer, Versteiner. nordd. Oolithgeb. 76. Taf. 13. Fig. 10. |
| 19. — <i>sulcata</i> Mstr. (84) 79 | Fig. 4. | <i>Plagiostoma sulcatum</i> Quenstedt, Jura 378. Taf. 51. Fig. 2. |
| 20. — <i>lyrata</i> Mstr. (85) 80 | Fig. 5. | |
| 21. — <i>striatula</i> Mstr. (85) 80 | Fig. 6. | |
| 22. — <i>abrupta</i> Gf. (85) 80 | Fig. 7. | — <i>Lima scabrosa</i> cf. Fig. 8. |
| 23. — <i>scabrosa</i> Mstr. (86) 81 | Fig. 8. | Etallon, Etudes pal. Haut Jura II. 127.
<i>Lima abrupta</i> Fig. 7. |
| 24. — <i>glabra</i> Mstr. (86) 81 | Fig. 9. | |
| 25. — <i>gibbosa</i> Desh. (86) 81 | Fig. 10. | Quenstedt, Jura 435. Taf. 59. Fig. 14.
<i>Lima helvetica</i> Oppel, Würtemb. Jahreshefte 1857. XIII. 191. |
| 26. — <i>duplicata</i> Desh. (86) 81 | Fig. 11. | <i>Plagiostoma duplicatum</i> Quenstedt, Jura 435. Taf. 59. Fig. 15. |
| 27. — <i>pectinoides</i> Desh. (87) 82 | Fig. 12. | |
| 28. — <i>elongata</i> Mstr. (87) 82 | Fig. 13. | |
| 29. — <i>antiquata</i> Mstr. (87) 82 | Fig. 14. | |
| 30. — <i>tegulata</i> Mstr. (87) 82 | Fig. 15. | — <i>Lima pectiniformis</i> cf. Nr. 32.
Quenstedt, Jura 753. |

Tafel 103.

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| 31. <i>Lima substriata</i> Mstr. (88) 83 | Fig. 1. | — <i>Lima pectiniformis</i> cf. Nr. 32. |
| 19. — <i>proboscidea</i> Sow. (88) 83 | Fig. 2. | — <i>Lima pectiniformis</i> Bronn, Lethaea geogn. IV. 214. Taf. 19. Fig. 9. — Morris and Lycett, Mollusca Great Oolite II. 26. Tb. 6. Fig. 9. — Thurmann u. Etallon, neue schweiz. Denkschriften XIX. 236. Taf. 32. Fig. 1.
<i>Lima rudis</i> Sowerby, Mineral Conchol. Tb. 214. Fig. 1.
<i>Ostraea pectiniformis</i> Quenstedt, Jura 431. Taf. 59. Fig. 7. |

IV. Aus der Kreideformation:

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| 33. <i>Lima squamifera</i> Gf. (88) 83 | Fig. 3. | — <i>Lima Dujardini</i> d'Orbigny, Terr. crétaç. 569. Tb. 427. Fig. 1—4. |
| 34. — <i>muricata</i> Gf. (89) 83 | Fig. 4. | |
| 35. — <i>granulata</i> Desh. (89) 84 | Fig. 5. | d'Orbigny, Terr. crétaç. III. 570. Tb. 427. Fig. 5—9. — Reuss, Versteiner. böhm. Kreidegeb. II. 32. Taf. 38. Fig. 21.
<i>Lima muricata</i> Roemer, Versteiner. nordd. Kreidegeb. 55. |
| 36. — <i>minuta</i> Gf. (89) 84 | Fig. 6. | |

Tafel 104.

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| 37. <i>Lima canalifera</i> Gf. (89) 84 | Fig. 1. | |
| 38. — <i>carinata</i> Mstr. (90) 85 | Fig. 2. | <i>Lima elongata</i> Reuss, Versteiner. böhm. Kreidegeb. II. 33. Taf. 38. Fig. 6. 9. |
| 39. — <i>semisulcata</i> Desh. (90) 85 | Fig. 3. | d'Orbigny, Terr. crétaç. III. 562. Tb. 424. Fig. 5—9. |
| 40. — <i>aspera</i> Mant. (90) 85 | Fig. 4. | d'Orbigny, Terr. crétaç. III. 566. Tb. 425. Fig. 3—6. — Reuss, Versteiner. böhm. Kreidegeb. II. 34. Taf. 38. Fig. 17.
? <i>Lima Dunkeri</i> Hagenow. |
| 41. — <i>decussata</i> Mstr. (91) 85 | Fig. 5. | Reuss, Versteiner. böhm. Kreidegeb. II. 32. Taf. 38. Fig. 15. — v. Strombeck, geolog. Zeitschrift 1863. XV. 151. |
| 42. — <i>truncata</i> Mstr. (91) 86 | Fig. 6. | |
| 43. — <i>tecta</i> Gf. (91) 86 | Fig. 7. | d'Orbigny, Terr. crétaç. III. 547. Tb. 419. Fig. 5—8.
<i>Lima frondosa</i> Dujardin, Mém. soc. géol. France 1837. II. 227. Tb. 16. Fig. 10. |

44. Lima Hoperi Desh. (91) 86 Fig. 8. d'Orbigny, Terr. crétac. III. 564. Tb. 424. Fig. 10—13. — Reuss, Verstein. böhm. Kreidegeb. II. 34. Taf. 38 Fig. 11. 12.
Lima Nilsoni Roemer, Versteiner. Kreidegeb. 57.
Lima Mantelli Fig. 9. auctore Reuss und v. Strombeck.
45. — Mantelli Brong. (92) 86 Fig. 9. d'Orbigny, Terr. crétac. III. 568. Tb. 426. Fig. 3—5.

V. Aus der Tertiärformation:

46. Lima spathulata Lamck. (92) 87 Fig. 10.

Tafel 105.

Spondylus Lin.

I. Aus dem Muschelkalk:

1. Spondylus comtus Gf. (93) 88 Fig. 1. — *Hinnites comptus* cf. Taf. 72. Fig. 6.

II. Aus der Oolithformation:

2. Spondylus tuberculosus Gf. (93) 88 Fig. 2. Pecten tuberculosus Quenstedt, Jura 434. Taf. 59. Fig. 9. 10.
Hinnites abjectus Oppel, Würtemb. Jahreshefte 1856. XII. 540.
3. — tenuistriatus Mstr. (94) 88 Fig. 3.
4. — velatus Gf. (94) 89 Fig. 4. — *Hinnites velatus* Morris and Lycett, Mollusca Great Oolite 14. Tb. 2.
Fig. 2. — Thurmann u. Etallon, neue schweiz. Denkschriften XIX. 266. — Cf. Pecten velatus oben.
Quenstedt, Jura 628. Taf. 78. Fig. 3.
5. — coralliphagus Gf. (95) 89 Cardium aculeiferum von Zieten, Versteiner. Würtemb. 83. Taf. 62. Fig. 8.
Taf. 121. Fig. 5. Spondylus aculeiferus Quenstedt, Flötzgeb. Würtemb. 477.

III. Aus der Kreideformation:

6. Spondylus spinosus Desh. (95) 90 Fig. 5. Bronn, Lethaea geogn. V. 280. Taf. 32. Fig. 6. — d'Orbigny, Terr. crétac. III. 673. Tb. 461. Fig. 1—4.
7. — duplicatus Gf. (95) 90 Fig. 6. — *Spondylus spinosus* cf. Nr. 6.
8. — armatus Gf. (96) 90 Fig. 7.
9. — hystrix Gf. (96) 91 Fig. 8. d'Orbigny, Terr. crétac. III. 661. Tb. 454. — v. Strombeck, geolog. Zeitschrift 1863. XV. 109.
Spondylus Requienanus Matheron, Catal. 189. Tb. 82. Fig. 3.

Tafel 106.

10. Spondylus asper Mstr. (96) 91 Fig. 1. v. Strombeck, geolog. Zeitschrift 1863. XV. 155.
11. — fimbriatus Gf. (97) 91 Fig. 2. Lima pseudocardium Reuss, Versteiner. böhm. Kreidegeb. II. 33. Taf. 38. Fig. 2. 3.
12. — lineatus Gf. (97) 92 Fig. 3. Reuss, Versteiner. böhm. Kreidegeb. II. 36. Taf. 40. Fig. 7—9.
13. — truncatus Gf. (97) 92 Fig. 4. d'Orbigny, Terr. crétac. III. 668. Tb. 459. — Reuss, Versteiner. böhm. Kreidegeb. II. 36. Taf. 45. Fig. 18.
14. — striatus Gf. (98) 92 Fig. 5. Bronn, Lethaea geogn. V. 283. Tb. 32. Fig. 4. — Reuss, Versteiner. böhm. Kreidegeb. II. 37. Taf. 40. Fig. 5. 10. 11. — d'Orbigny, Terr. crétac. III. 660. Tb. 453.
Spondylus radiatus Gf. Fig. 6. — Dianchora striata u. radiata Sharpe.
Spondylus Roemeri Deshayes, Mém. soc. géol. France V. 10. Tb. 6. Fig. 8—10.
— *Spondylus striatus* cf. Nr. 14.
15. — radiatus Gf. (98) 93 Fig. 6.
16. — plicatus Mstr. (89) 93 Fig. 7.
17. — sublaevis Mstr. (99) 93 Fig. 8.

IV. Aus der Tertiärformation:

18. Spondylus asperulus Mstr. (99) 93 Fig. 9.
19. — bifrons Mstr. (99) 94 Fig. 10.

Tafel 107.

Plicatula Lamck.

a. Aus dem Lias:

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|------------------------------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Plicatula spinosa Sow. (100) 95 | Fig. 1. | Bronn, Lethaea geogn. IV. 204. Taf. 18. Fig. 20. — Quenstedt, Jura 149. Taf. 18. Fig. 27. 28.
Plicatula rarispina DeFrance, Dict. sc. nat. XLI. 401. — Ostraea orbiculoides Roemer, Versteiner. nordd. Oolithgeb. 61. Taf. 3. Fig. 14.
Plicatula ventricosa Fig. 3. |
| 2. — sarcinula Mstr. (101) 95 | Fig. 2. | — Plicatula nodulosa cf. Nr. 4. — Quenstedt, Jura 79. Taf. 9. Fig. 15. |
| 3. — ventricosa Mstr. (101) 95 | Fig. 3. | — Plicatula spinosa cf. Nr. 1. |
| 4. — tegulata Mstr. (101) 95 | Fig. 4. | — Plicatula nodulosa Bronn, Lethaea geogn. IV. 205. Taf. 18. Fig. 21.
Placuna nodulosa von Zieten, Versteiner. Würtemb. 59. Taf. 44. Fig. 5. |

b. Aus der Oolithformation:

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| 5. Plicatula armata Gf. (101) 96 | Fig. 5. | Quenstedt, Jura 436. Taf. 59. Fig. 17. |
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c. Aus der Kreideformation:

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| 6. Plicatula inflata Sow. (102) 96 | Fig. 6. | v. Strombeck, rheinisch-westphäl. Verhandlgn. 1859. XVI. 173.
Plicatula radiata Fig. 7. |
| 7. — radiata Gf. (102) 96 | Fig. 7. | — Plicatula inflata cf. Nr. 6. |

Limea Lamck.

- | | | |
|--------------------------------------|---------|---------------------------------------------------------------------------------------|
| 1. Limea acuticostata Mstr. (103) 97 | Fig. 8. | Plagistoma acuticosta Quenstedt, Jura 148. Taf. 18. Fig. 22—25; 184. Taf. 23. Fig. 4. |
| 2. — duplicata Mstr. (103) 97 | Fig. 9. | Quenstedt, Jura 436. Taf. 59. Fig. 16. — Oppel, Würtemb. Jahreshefte 1857. XIII. 192. |

Vulsella Lamck.

- | | | |
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| 1. Vulsella falcata Mstr. (103) 97 | Fig. 10. | |
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Perna Lamck.

a. Aus dem Muschelkalk:

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| 1. Perna vetusta Gf. (104) 98 | Fig. 11. | |
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b. Aus der Juraformation:

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|-------------------------------------|----------|------------------------------------------------------------------------------------------|
| 2. Perna mytiloides Lamck. (104) 98 | Fig. 12. | Bronn, Lethaea geogn. IV. 224. Taf. 19. Fig. 12. — Quenstedt, Jura 383. Taf. 52. Fig. 8. |
| 3. — crassitesta Mstr. (105) 99 | Fig. 13. | Cf. P. mytiloides Nr. 2. |

Tafel 108.

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| 4. Perna quadrata Sow. (105) 99 | Fig. 1. | — Perna rugosa cf. Nr. 5. |
| 5. — rugosa Mstr. (105) 99 | Fig. 2. | Morris and Lycett, Mollusca Great Oolite II. 25. Tb. 3. Fig. 1; III. 128. Tb. 14. Fig. 16.
Perna isognomonoides Oppel, Würtemb. Jahreshefte 1856. XII. 538.
Perna mytiloides von Zieten, Versteiner. Würtemb. Taf. 54. Fig. 1. |

c. Aus der Tertiärformation:

6. *Perna maxillata* Lamck. (106) 100 Fig. 3.7. — *Francii* Gervill (106) 100 Fig. 4.— *Perna Defrancei* Sowerby, Genera Shells Fig. 1–3.**Inoceramus** Sow.

a. Aus der Grauwackenformation:

1. *Inoceramus vetustus* Sow. (107) 101 Fig. 5.*Posidonomya vetusta* de Koninck, Anim. foss. carbon. Belgique 141. Tb. 6. Fig. 1.2. — *inversus* Mstr. (108) 102 Fig. 6.*Posidonomya inversa* Geinitz, Versteiner. Grauwackform. II. 53. Taf. 12. Fig. 25. Taf. 13. Fig. 1. 2.*Tafel* 109.

b. Aus dem Lias:

3. *Inoceramus dubius* Sow. (108) 102 Fig. 1.*Inoceramus polyplocus* F. Roemer, Geolog. Zeitschrift 1857. IX. 624.4. — *substriatus* Mstr. (108) 102 Fig. 2.

Oppel, Würtemb. Jahreshefte 1856. XII. 300.

Taf. 115. Fig. 1.

Crenatula substriata Quenstedt, Jura 190. Taf. 23. Fig. 20.5. — *pernoides* Gf. (109) 103 Fig. 3.*Inoceramus ventricosus* cf. Nr. 6.6. — *nobilis* Mstr. (109) 103 Fig. 4.— *Inoceramus ventricosus* Oppel, Würtemb. Jahreshefte 1856. XII. 300. *Inoceramus pernoides* cf. Fig. 3. — *Inoceramus gryphoides* cf. Taf. 115. Fig. 2.7. — *depressus* Mstr. (109) 103 Fig. 5.— *Inoceramus ventricosus* cf. Taf. 109. Fig. 4.8. — *gryphoides* Gf. (109) 103

Taf. 115. Fig. 2.

9. — *rostratus* Gf. (110) 109 Taf. 115. Fig. 3.*Inoceramus amygdaloides* cf. Taf. 115. Fig. 4. Nr. 10.

Oppel, Würtemb. naturw. Jahreshefte 1856. XII. 536.

10. — *amygdaloides* Gf. (110) 104

Taf. 115. Fig. 4.

v. Seebach, Hannov. Jura 108. — Oppel, Würtemb. naturw. Jahreshefte 1856. XII. 536.

? *Inoceramus Fittoni* Morris and Lycett, Mollusca Great Oolite II. 24. Tb. 4. Fig. 14.*Inoceramus ellipticus* Roemer, Versteiner. nordd. Oolithgeb. 82.*Inoceramus rostratus* cf. Nr. 9.11. — *cinctus* Gf. (110) 104 Taf. 115. Fig. 5.

Oppel, Würtemb. Jahreshefte 1856. XII. 381.

c. Aus der Juraformation:

12. *Inoceramus laevigatus* Mstr. (111) 104 Fig. 6.13. — *cor* Mstr. (111) 105 Fig. 7.

d. Aus der Kreideformation:

14. *Inoceramus concentricus* Sow. (111) 105 Fig. 8 a. b. c.

Bronn, Lethaea geogn. V. 287. Taf. 32. Fig. 9. — d'Orbigny, Terr. crétac. III. 506. Tb. 404.

Fig. 8 d. e.

— *Inoceramus striatus*.15. — *propinquus* Mstr. (112) 105 Fig. 9.— *Inoceramus mytiloides*.*Inoceramus concentricus* teste d'Orbigny.*Tafel* 110.16. *Inoceramus sulcatus* Sow. (112) 105 Fig. 1.

Bronn, Lethaea geogn. V. 286. Taf. 32. Fig. 5. — d'Orbigny, Terr. crétac. III. 504. Tb. 403. Fig. 3. 4. 5.

17. *Inoceramus cardissoides* Gf. (112) 106 — *Inoceramus lobatus* cf. Nr. 18.
Fig. 2.
18. — *lobatus* Mstr. (113) 106 Fig. 3. Roemer, Versteiner. nordd. Kreidegeb. 63.
Inoceramus cardissoides Fig. 2. — *I. cancellatus* Fig. 4. — *I. lingua* Fig. 5.
19. — *cancellatus* Gf. (113) 106 Fig. 4. — *Inoceramus lobatus* cf. Nr. 18.
20. — *lingua* Gf. (113) 107 Fig. 5. — *Inoceramus lobatus* cf. Nr. 18.
21. — *cordiformis* Sow. (113) 107 Fig. 6 b. — *Inoceramus striatus* cf. Nr. 27. — *I. Brongniarti* cf. Nr. 25.
Fig. 6 a. — *Inoceramus latus* cf. Nr. 30.
22. — *annulatus* Gf. (114) 107 Fig. 7. — *Inoceramus Brongniarti* 111. Fig. 3.

Tafel 111.

23. *Inoceramus Cuvieri* Sow. (114) 107 v. Strombeck, geolog. Zeitschrift 1863. XV. 124.
Fig. 1. *Inoceramus planus* Taf. 113. Fig. 1b.
24. — *Lamarecki* Sow. (114) 108 Fig. 2. — *Inoceramus striatus* cf. Nr. 27.
25. — *Brongniarti* Park (115) 108 Fig. 3. Reuss, Versteiner. böhm. Kreidegeb. II. 24.
Inoceramus annulatus Taf. 110. Fig. 7. — *I. undulatus* Taf. 112. Fig. 1. —
I. alatus Taf. 112. Fig. 3.

Tafel 112.

26. *Inoceramus undulatus* Mant (115) 109 — *Inoceramus Brongniarti* Taf. 111. Fig. 3.
Fig. 1.
27. — *striatus* Mant (115) 109 Fig. 2. Bronn, Lethaea geogn. V. 288. Taf. 32. Fig. 11. — d'Orbigny, Terr. cré-
tac. III. 508. Tb. 405.
Inoceramus tegulatus Geinitz, Charact. sächs. Kreidegeb. II. 16. Taf. 6.
Fig. 11.
Inoceramus cuneiformis d'Orbigny, Terr. crétac. III. 512. Tb. 407.
Inoceramus undulatus u. *Lamarecki* Mantell, Geology Sussex Tb. 27. Fig. 1. 6.
auctore d'Orbigny.
28. — *alatus* Gf. (116) 109 Fig. 3. — *Inoceramus Brongniarti* Taf. 111. Fig. 3.
29. — *Cripsii* Mant (116) 110 Fig. 4. — *Inoceramus Goldfussianus* d'Orbigny, Terr. crétac. III. 517. Tb. 411.
Reuss, Versteiner. böhm. Kreidegeb. II. 25. Taf. 37. Fig. 10. 12. — v. Strom-
beck, geolog. Zeitschrift 1863. XV. 152.
30. — *latus* Mant (117) 110 Fig. 5. d'Orbigny, Terr. crétac. III. 513. Tb. 408. Fig. 1. 2.
Inoceramus tenuis Roemer, Versteiner. nordd. Kreidegeb. 62. Taf. 8. Fig. 11.

Tafel 113.

31. *Inoceramus planus* Mstr. (117) 110 Reuss, Versteiner. böhm. Kreidegeb. II. 25. Taf. 37. Fig. 11.
Fig. 1 a.
Fig. 1 b. — *Inoceramus Cuvieri* cf. Taf. 111. Fig. 1.
32. — *orbicularis* Mstr. (117) 111 Fig. 2. — *Inoceramus planus* cf. Nr. 31.
33. — *nobilis* Mstr. (117) 111 Fig. 3.
34. — *mytiloides* Mant (118) 111 Fig. 5 a. b. Bronn, Lethaea geogn. V. 289. Taf. 32. Fig. 10. — Reuss, Versteiner.
böhm. Kreidegeb. II. 26. Taf. 37. Fig. 16. — v. Strombeck, geolog.
Zeitschrift 1863. XV. 119.
Inoceramus problematicus d'Orbigny, Terr. crétac. III. 510. Tb. 406. Fig. 1—7.

Posidonomya Bronn.

1. *Posidonomya minuta* Gf. (118) 112 Fig. 5. — *Estheria minuta* Jones, Quarterl. journ. geol. 1856. XII. 376.
Bronn, Lethaea geogn. III. 60. Taf. 11. Fig. 22.

2. *Posidonomya Becheri* Bronn (119) 112 Fig. 6. Bronn, Lethaea geogn. III. 400. Taf. 2. Fig. 17. Taf. 3¹. Fig. 10; IV. 222. Taf. 18. Fig. 23.
Posidonomya tubercula u. *lateralis* Sowerby, Transact. geol. soc. 2 ser. V. Tb. 52. Fig. 1. 5.
Posidonomya acuticosta Sandberger, Versteiner. rhein. Schichtsys. 294. Taf. 30. Fig. 9.
3. — *Bronni* Gf. (119) 112 Fig. 7. — *Posidonomya Becheri* cf. Nr. 2.
Posidonomya Bronni Quenstedt, Jura 260. Taf. 37. Fig. 8. 9.

Tafel 114.

3. *Posidonomya Bronni* Gf. (119) 113 Fig. 1. — *Posidonomya Becheri* cf. Nr. 2.
4. — *radiata* Gf. (119) 113 Fig. 2. Oppel, Würtemb. Jahreshefte 1856. XII. 381.
5. — *orbicularis* Mstr. (120) 113 Fig. 3. Oppel, Würtemb. Jahreshefte 1856. XII. 382.
6. — *gigantea* Mstr. (120) 113 Fig. 4. *Ostraea Roemeri* Quenstedt, Jura 625. Taf. 77. Fig. 22.
7. — *canaliculata* Gf. (120) 113 Fig. 5.
8. — *anomala* Mstr. (120) 114 Fig. 6.
9. — *socialis* Mstr. (120) 115 Fig. 7.
- Pecten linteatus* Gf. 115 Fig. 9.
- Lima inaequistriata* Mstr. 115 Fig. 10. Oppel, Würtemb. Jahreshefte 1856. XII. 220.
- *decorata* Mstr. 115 Fig. 11.

Tafel 115.

Gervillia Deifr.

1. *Gervillia angusta* Mstr. (122) 115 Fig. 6.
2. — *Hartmanni* Mstr. (122) 115 Fig. 7. Bronn, Lethaea geogn. IV. 227. Taf. 19. Fig. 13.
Gervillia pernoides Buch, Jura 50.
Gervillia Zieteni d'Orbigny, Pal. stratigr. I. 284.
3. — *aviculoides* Sow. (123) 116 Fig. 8. d'Orbigny, Terr. crétac. III. 489. Tb. 397. — Quenstedt, Jura 427. Taf. 60. Fig. 1.
Gervillia tetragona Roemer, Versteiner. nordd. Oolithgeb. 85. Taf. 4. Fig. 11. — Thurmann u. Etallon, neue schweiz. Denkschriften XIX. 253. Taf. 31. Fig. 3.
Gervillia Kimmeridgensis d'Orbigny, Pal. stratigr. II. 53.
4. — *lanceolata* Mstr. (123) 116 Fig. 9. — *Gervillia acuta* Sowerby, Morris and Lycett, Mollusca Great Oolite II. 20. Tb. 3. Fig. 12.
Gervillia consobrina Oppel, Würtemb. Jahreshefte 1856. XII. 538.
5. — *solenoides* Deifr. (124) 117 Fig. 10. Bronn, Lethaea geogn. V. 292. Taf. 32. Fig. 17. — Reuss, Versteiner. böhm. Kreidegeb. II. 33. Taf. 32. Fig. 13. 14.
Gervillia aviculoides d'Orbigny, Terr. crétac. III. 489. Tb. 397.

Tafel 116.

Avicula Lamck.

a. Aus der Grauwackenformation:

1. *Avicula obsoleta* Gf. (125) 117 Fig. 1.
2. — *lepida* Gf. (125) 117 Fig. 2. Sandberger, Versteiner. rhein. Schichtsys. Nassau 237. Taf. 29. Fig. 16.
3. — *Saturni* Gf. (125) 118 Fig. 3.
4. — *Neptuni* Gf. (125) 118 Fig. 4.

b. Aus der Steinkohlenformation:

5. *Avicula papyracea* Gf. (126) 118 Fig. 5. de Koninck, Anim. foss. carbon. Belgique 136. Taf. 5. Fig. 6.

c. Aus der Zechsteinformation:

6. *Avicula ceratophaga* Schloth (126) 119 Fig. 6. — *Bakewellia ceratophaga* King, Permian Fossils 167. Tb. 14. Fig. 24–27.
 7. — *antiqua* Mstr. (126) 119 Fig. 7. — *Bakewellia antiqua* King, Permian Fossils 168. Tb. 14. Fig. 28–34.
 M. V. K., Russia and Ural 319. Tb. 20. Fig. 13.

d. Aus der Trias:

8. *Avicula acuta* Gf. (126) 119 Fig. 8. ?
 9. — *Albertii* Mstr. (127) 119 Fig. 9. — *Gervillia Albertii* Credner, neues Jahrb. f. Mineral 1851. 654. Taf. 6. Fig. 7.
Gervillia mytiloides v. Seebach, Conchylienfauna Weimar. Trias 46 (excl. Synonym.)
 10. — *gryphaeata* Mstr. (127) 119 Fig. 10. — *Cassianella gryphaeata*.
 11. — *tenuistria* Mstr. (127) 120 Fig. 11. — *Cassianella tenuistria* Beyrich, geolog. Zeitschrift 1862. XIV. 9.
 12. — *decussata* Mstr. (128) 120 Fig. 12.

Tafel 117.

13. *Avicula arcuata* Mstr. (128) 120 Fig. 1.
 14. — *socialis* Bronn (128) 121 Fig. 2. — *Gervillia socialis* Credner, Jahrb. f. Mineral 1851. 642. Taf. 6. Fig. 1.
 — v. Strombeck, geolog. Zeitschrift 1849. I. 135. — Giebel, Versteiner. Muschelkalk Lieskau 29.
 Fig. 2 g. f. — *Gervillia subglobosa* Credner, Jahrb. f. Mineral. 1851. 646. Taf. 6. Fig. 2.
 Giebel, Versteiner. Muschelkalk Lieskau 29. Taf. 4. Fig. 9.
 15. — *Bronni* Alb. (129) 121 Fig. 3 a. b. — *Gervillia costata* Credner, Jahrb. f. Mineral. 1851. 647. Taf. 6. Fig. 3.
 — Giebel, Versteiner. Muschelkalk Lieskau 32. Taf. 4. Fig. 5.
Bakewellia costata von Schauroth, geolog. Zeitschrift 1857. IX. 104. Taf. 5. Fig. 1–5.
 Fig. 3 c. d. — *Avicula Bronni* Giebel, Versteiner. Muschelkalk Lieskau 33. Taf. 7. Fig. 11.
Gervillia costata v. Strombeck, geolog. Zeitschrift 1849. I. 152.
 16. — *crispata* Gf. (129) 121 Fig. 4.
 17. — *subcostata* Gf. (129) 122 Fig. 5. — *Gervillia subcostata* Credner, Jahrb. f. Mineral. 1851. 650. Taf. 6. Fig. 4.
Bakewellia lineata von Schauroth, geolog. Zeitschrift 1857. IX. 110. Taf. 5. Fig. 12. 13.
 18. — *lineata* Gf. (129) 122 Fig. 6. Hoernes, Wiener Denkschriften 1855. IX. 51. Taf. 2. Fig. 15.

e. Aus dem Lias:

19. *Avicula gracilis* Mstr. (130) 122 Fig. 7. Oppel, Würtemb. Jahreshefte 1856. XII. 222.
 20. — *elegans* Mstr. (130) 122 Fig. 8. Monotis elegans Quenstedt, Jura 357. Taf. 48. Fig. 11–13.
 Oppel, Würtemb. Jahreshefte 1856. XII. 533.

Tafel 118.

21. *Avicula inaequalis* Sow. (130) 122 Fig. 1. Bronn, Lethaea geogn. IV. 228. Taf. 18. Fig. 24. — Stoliczka, Wiener Sitzungsberichte 1861. XLIII. 198. Taf. 6. Fig. 9.
Avicula sinemuriensis d'Orbigny, Pal. stratigr. I. 219.
 Monotis inaequalis Quenstedt, Jura 79. Taf. 9. Fig. 16. 17.
 Monotis interlaevigata Quenstedt, Jura 149. Taf. 18. Fig. 29.

f. Aus der Juraformation:

22. *Avicula Münsteri* Bronn (131) 123 Fig. 2. Morris and Lycett, Mollusca Great Oolite III. 129. Tb. 14. Fig. 6.
 Monotis Münsteri Quenstedt, Jura 440. Taf. 60. Fig. 6–9.

23. *Avicula hybrida* Mstr. (131) 123 Fig. 3.
 24. — *rugosa* Mstr. (131) 124 Fig. 4.
 25. — *modiolaris* Mstr. (131) 124 Fig. 5. — *Avicula Gessneri* Thurmann und Etallon, neue schweiz. Denkschriften XIX. 229. Taf. 30. Fig. 5. — Herm. Credner, geolog. Zeitschrift 1864. XVI. 231. Taf. 10. Fig. 10.
 26. — *tegulata* Gf. (132) 124 Taf. 121. Fig. 6. Cf. unten.
 27. — *ornata* Gf. (132) 124 Taf. 121. Fig. 7.

g. Aus der Kreideformation:

28. *Avicula cocrulescens* Nils. (132) 125 !
 Fig. 6.
 29. — *approxinata* Gf. (133) 125 Fig. 7. *Avicula Faujasi* Deshayes in Lamarek, Anim. s. vert. VII. 104.
 30. — *triptera* Bronn (133) 125 Fig. 8.
 31. — *semicostata* Gf. (133) 125
 Taf. 121. Fig. 8.

Tafel 119.

Pterinea Gf.

1. *Pterinea lacvis* Gf. (134) 126 Fig. 1. Sandberger, Versteiner. rhein. Schichtsys. Nassau 289. Taf. 30. Fig. 1.
Pterinea concentrica F. A. Roemer, Palaeontographica II. 3. Taf. 1. Fig. 4.
Avicula laevis Verneuil, Bullet. soc. géol. France 1855. XII. 1002. Tb. 19.
 Fig. 4.
 2. — *ventricosa* Gf. (134) 126 Fig. 2. Sandberger, Versteiner. rhein. Schichtsys. Nassau 289. Taf. 30. Fig. 2.
 3. — *bicarinata* Gf. (134) 127 Fig. 3. — *Grammysia bicarinata*.
 4. — *plana* Gf. (135) 127 Fig. 4. — *Pterinea lineata* cf. Nr. 6.
 Sandberger, Versteiner. rhein. Schichtsys. Nassau 290. Taf. 30. Fig. 3.
 5. — *elongata* Gf. (135) 127 Fig. 5. Sandberger, Versteiner. rhein. Schichtsys. Nassau 291. Taf. 30. Fig. 4.
 Bronn, Lethaea geogn. I. 407 (Jugend der *Pt. lineata*).
 6. — *lineata* Gf. (135) 127 Fig. 6. Sandberger, Versteiner. rhein. Schichtsys. Nassau 291. Taf. 30. Fig. 5. —
 Bronn, Lethaea geogn. I. 407.
 7. — *radiata* Gf. (135) 128 Fig. 7.
 8. — *carinata* Gf. (136) 128 Fig. 8.
 9. — *elegans* Gf. (136) 128 Fig. 9. Nicht zu *Pterinea* gehörig.

Tafel 120.

10. *Pterinea lamellosa* Gf. (136) 128 Fig. 1. Zeiler, rheinisch-westphäl. Verhandlgn. 1857. XIV. 46. Taf. 3. Fig. 1—3.
 11. — *reticulata* Gf. (136) 129 Fig. 2.
 12. — *trigona* Gf. (137) 129 Fig. 3.
 13. — *costata* Gf. (137) 129 Fig. 4. Sandberger, Versteiner. rhein. Schichtsys. 292. Taf. 30. Fig. 6.
 Bronn, Lethaea geogn. I. 407. (Jugend der *Pt. fasciculata*).
 14. — *fasciculata* Gf. (137) 129 Fig. 5. Sandberger, Versteiner. rhein. Schichtsys. 293. Taf. 30. Fig. 7.
Avicula flabella Conrad, Geology New-York 152. Fig. 3.
Pterinea costulata F. A. Roemer, Palaeontographica Bd. II. 3. Taf. 1.
 Fig. 3.

Monotis Bronn.

1. *Albertis Monotis* Gf. (138) 130 Fig. 6. — *Pecten inaequistriatus* cf. Taf. 89. Fig. 1.

2. *Monotis substriata* Mstr. (138) 131 Fig. 7. — *Avicula substriata* Bronn, Lethaea geogn. IV. 231. Taf. 27. Fig. 12. Quenstedt, Jura 259. Taf. 37. Fig. 2. 3.
 3. — *decussata* Mstr. (139) 131 Fig. 8. — *Avicula pectiniformis* Bronn, Lethaea geogn. IV. 230. Taf. 18. Fig. 22. *Avicula decussata* Buch, Jura 47.
 4. — *similis* Mstr. (139) 131 Fig. 9. *Avicula echinata* von Strombeck, geolog. Zeitschrift 1853. V. 122.

Tafel 121.

5. *Monotis salinaria* Bronn (139) 132 Fig. 1. *Avicula salinaria* Hoernes, Wiener Denkschriften 1855. IX. 50. Taf. 2. Fig. 14.
 6. — *inaequivalvis* Bronn (140) 132 Fig. 2.
 7. — *lineata* Mstr. (140) 133 Fig. 3. *Avicula lineata* Hoernes, Wiener Denkschriften 1855. X. 51. Taf. 2. Fig. 15.
 Lima exarata Gf. 133 Fig. 4.
 Spondylus coralliphagus 133 Fig. 5. Quenstedt, Jura 756. Taf. 92. Fig. 19.
 Avicula tegulata Gf. 133 Fig. 6. — *Avicula echinata* Sowerby, Mineral Conch. Tb. 243. Fig. 1. — Oppel, Würtemb. Jahreshfte 1857. XIII. 192.
 Avicula bramburiensis Phillips, Geol. Yorkshire Tb. 6. Fig. 6.

Arca Lin.

A. Gleichförmige senkrechte Schlosszähne. Arca Lamck.

a. Aus dem Lias:

1. *Arca lineata* Gf. (141) 133 Fig. 9. *Cucullaea lineata*.
 b. Aus der Juraformation:
 2. *Arca fracta* Gf. (141) 134 Fig. 10. Quenstedt, Jura 759.
 3. — *trisulcata* Mstr. (142) 134 Fig. 11. Quenstedt, Jura 759. Taf. 93. Fig. 8. 9.
 Arca aemula Zieten, Versteiner. Würtemb. Taf. 56. Fig. 6. — *Arca jason* d'Orbigny, Pal. stratigr. II. Nr. 295.
 4. — *texata* Mstr. (142) 134 Fig. 12. Quenstedt, Jura 760. Taf. 93. Fig. 5. 6.
 5. — *funiculosa* Mstr. (142) 134 Fig. 13. *Arca texata* cf. Nr. 4.

c. Aus der Kreideformation:

6. *Arca furcifera* Mstr. (142) 135 Fig. 14. *Cucullaea propinqua* Reuss, Versteiner. böhm. Kreidegeb. II. 12. Taf. 34. Fig. 34.
 7. — *tenuistriata* Mstr. (142) 135 Taf. 138. Fig. 1. Reuss, Versteiner. böhm. Kreidegeb. II. 11.
 8. — *radiata* Mstr. (143) 135 Taf. 138. Fig. 2. Cf. unten.

Tafel 122.

9. *Arca exaltata* Nils. (143) 135 Fig. 1. *Cucullaea exaltata*.

d. Aus der Tertiärformation:

10. *Arca diluvii* Lamck. (143) 136 Fig. 2. Nyst, Coq. foss. tert. Belgique 255. Tb. 20. Fig. 3. — Bronn, Lethaea geogn. VI. 379. Taf. 39. Fig. 2.
 Arca cucullaeaeformis, subdiluvii d'Orbigny, Pal. stratigr. III. 123. 124.
 11. — *hiantula* Desh. (143) 136 Fig. 3. — *Arca Noae* Lin. Hoernes, foss. Mollusken Wien II. 324. Taf. 42. Fig. 4.
 Arca pseudonoae d'Orbigny, Pal. stratigr. III. 186.
 12. — *didyma* Brocch. (144) 136 Fig. 4.

13. *Arca quadrilatera* Lamck. (144) 136 Fig. 5. — *Arca pretiosa* Deshayes, Anim. s. vert. bassin Paris I. 901. Taf. 79. Fig. 16. 17. — Sandberger, Mainzer Tertiärbecken 354. Taf. 29. Fig. 4.
 14. — *barbatula* Lamck. (144) 137 Fig. 6. Nyst, Coq. tert. Belgique 259. Tb. 20. Fig. 4. — Deshayes, Coq. foss. Paris I. 205. Tb. 32. Fig. 11. 12.
 15. — *Schübleri* Ziet. (144) 137 Fig. 7. *Arca barbata* Lin. Hoernes, foss. Mollusken Wien II. 327. Taf. 42. Fig. 6—11. *Arca Helblingi* Reuss, Wiener Sitzungsberichte XXXIX. 38. Taf. 4. Fig. 1.

B. Divergirende und allmählig längere
 Schlosszähne. *Cucullaea* Lamck.

a. Aus dem Zechstein:

16. *Arca antiqua* Mstr. (145) 137 Fig. 8. — *Byssarca striata* King, Permian Fossils 172. Tb. 15. Fig. 7—10.
Cucullaea sulcata Sowerby, Transact. geol. soc. London 1829. III. 119.
Macrodon striatum Kirkby, Quart. journ. geol. London 1861. XVII. 306.

b. Aus der Trias:

17. *Arca minuta* Gf. (145) 138 Fig. 9. *Cucullaea Goldfussi* Alb.
 18. — *strigillata* Mstr. (145) 138 Fig. 10. *Cucullaea strigillata* Mstr.

c. Aus dem Lias:

19. *Arca Münsteri* Gf. (146) 138 Fig. 11. Oppel, Würtemb. Jahreshfte 1856. XII. 298.
 20. — *inaequivalvis* Gf. (146) 138 Fig. 12. *Cucullaea inaequalvis* Quenstedt, Jura 312. Taf. 43. Fig. 2.
Arca subliasia d'Orbigny, Pal. stratigr. I. 236.
Arca liasia Roemer, Versteiner. nordd. Oolithgeb. 102. — Oppel, Würtemb. Jahreshfte 1856. XII. 531.

Tafel 123.

d. Aus der Juraformation:

21. *Arca elegans* Gf. (146) 139 Fig. 1. *Cucullaea elegans* Roemer.
 22. — *oblonga* Gf. (147) 139 Fig. 2. *Cucullaea oblonga* Quenstedt, Jura 342. 349. Taf. 48. Fig. 22.
 23. — *lineata* Gf. (147) 139 Fig. 3. *Cucullaea lineata* Gf.
 24. — *subdecussata* Mstr. (147) 140 Fig. 4. *Cucullaea Goldfussi* Roemer, Versteiner. nordd. Oolithgeb. 164. Taf. 6. Fig. 18.
Arca Goldfussi Etallon, Etudes pal. Haut Jura 108.
 25. — *texturata* Mstr. (147) 140 Fig. 5. Oppel, Würtemb. Jahreshfte 1857. XIII. 190.
 26. — *concinna* Gf. (148) 140 Fig. 6. *Cucullaea concinna* Morris and Lycett, Mollusca Great Oolite II. 50. Tb. 5. Fig. 7. — Quenstedt, Jura 504. Taf. 67. Fig. 15. 16.
Arca subconcinna Andree, geolog. Zeitschrift 1860. XII. 586. Taf. 14. Fig. 7.
 27. — *cucullata* Mstr. (148) 140 Fig. 7. Oppel, Würtemb. Jahreshfte 1857. XIII. 190. — Andree, geolog. Zeitschrift 1860. XII. 587. Taf. 14. Fig. 8.
 28. — *parvula* Mstr. (148) 141 Fig. 8. *Cucullaea parvula*.
 29. — *elongata* Gf. (148) 141 Fig. 9. — *Macrodon hirsonensis* Archiac, Mém. soc. géol. France 1843. V. Tb. 27. Fig. 5. — Morris and Lycett, Mollusca Great Oolite II. 49. Tb. 5. Fig. 1.
Cucullaea elongata Phillips, Geol. Yorkshire Tb. 11. Fig. 43.
Cucullaea rudis Sowerby, Min. Conch. Tb. 447.
 30. — *granulata* Mstr. (149) 141 Fig. 10. *Arca subgranulata* d'Orb. Etallon, Etudes pal. Haut Jura II. 106.
 31. — *pectinata* Mstr. (149) 141 Fig. 11. *Arca ianira* d'Orb. Etallon, Etudes pal. Haut Jura II. 107.

Tafel 124.

e. Aus der Kreideformation:

32. *Arca glabra* Gf. (149) 142 Fig. 1. — *Cucullaea glabra* Reuss, Versteiner. böhm. Kreidegeb. II. 13. Taf. 34. Fig. 44. Taf. 35. Fig. 1. 2.
Arca fibrosa, *ligeriensis*, *Matheronana* d'Orbigny, Terr. crétac. III. Tb. 312. 317. 325.
Arca rhombea, *A. ovalis* Nilson, Petrefact. suecana. 15. Tb. 5. Fig. 2. 3.

33. *Arca carinata* Gf. (150) 142 Fig. 2. *Cucullaea carinata* d'Orbigny, Terr. crétac. III. 214. Tb. 313. Fig. 1—3.
- Nucula Lamck.**
- a. Aus der Grauwackenformation:**
1. *Nucula grandaeva* Gf. (150) 143 Fig. 3.
2. — *obesa* Gf. (150) 143 Fig. 4.
3. — *fornicata* Gf. (151) 143 Fig. 5.
4. — *obsoleta* Gf. (151) 143 Fig. 6.
5. — *prisca* Gf. (151) 143 Fig. 7. — *Cucullela prisca*.
Nucula F. A. Roemer, Palaeontographica II. 13. Taf. 3. Fig. 5.
Cucullela tenuiarata Sandberger, Versteiner. rhein. Schichtsys. Nassau 276. Taf. 29. Fig. 4.
6. — *securiformis* Gf. (151) 143 Fig. 8. Sandberger, Versteiner. rhein. Schichtsys. Nassau 278. Taf. 29. Fig. 5.
Nucula Jugleri F. A. Roemer, Versteiner. Harz 23. Taf. 6. Fig. 11.
7. — *solenoides* Gf. (151) 144 Fig. 9. — *Cucullela solenoides*.
Cucullela cultrata Sandberger, Versteiner. rhein. Schichtsys. Nassau 276. Taf. 29. Fig. 3. 7.
- b. Aus der Triasformation:**
8. *Nucula speciosa* Mstr. (152) 144 Fig. 10.
9. — *incrassata* Mstr. (152) 144 Fig. 11. — *Corbula incrassata* von Schauroth, geolog. Zeitschrift 1857. IX. 122.
Taf. 6. Fig. 18.
Corbula dubia cf. Taf. 151. Fig. 13.
10. — *gregaria* Mstr. (152) 144 Fig. 12. — *Neoschizodus laevigatus* cf. Taf. 135. Fig. 12.
11. — *Goldfussi* Alb. (152) 144 Fig. 13. v. Seebach, Conchylienauna Weimar Trias 56.
12. — *excavata* Mstr. (153) 145 Fig. 14.
13. — *cuneata* Mstr. (153) 145 Fig. 15. Giebel, Versteiner. Muschelkalk Lieskau 45.
14. — *elliptica* Gf. (153) 145 Fig. 16. v. Seebach, Conchylienfauna Weimar Trias 55.
15. — *lineata* Gf. (153) 145 Fig. 17.
16. — *strigillata* Gf. (153) 146 Fig. 18.
- Tafel 125.**
- c. Aus dem Lias:**
17. *Nucula Hammeri* Deifr. (154) 146 Fig. 1. Bronn, Lethaea geogn. IV. 249. Taf. 20. Fig. 8. — Quenstedt, Jura 313.
Taf. 43. Fig. 7—12; 359. Taf. 48. Fig. 15.
Fig. 1 a. *Nucula ovalis* Fig. 2. 3.
Fig. 1 d. *Nucula Hausmanni* Roemer, Versteiner. nordd. Oolithgeb. 98. Taf. 6. Fig. 12.
Nucula jurensis Quenstedt, Jura 289. Taf. 41. Fig. 5. 6.
18. — *ovalis* Ziet. (154) 146 Fig. 2. 3. — *Nucula Hammeri* cf. Nr. 17.
19. — *subovalis* Gf. (154) 146 Fig. 4. *Leda subovalis* Oppel, Würtemb. Jahreshefte 1856. XII. 295.
Nucula palmae, N. *tunicata* Quenstedt, Handb. Petrefk. Taf. 44. Fig. 8. 9;
Jura 110.
20. — *trigona* Mstr. (155) 147 Fig. 5. — *Nucula triquetra* Gf.
21. — *cordata* Gf. (155) 147 Fig. 6. *Nucula variabilis* Quenstedt, Jura 110. ff.
22. — *acuminata* Buch (155) 147 Fig. 7. Quenstedt, Jura 187. Taf. 23. Fig. 14.
Nucula inflata Oppel, mittl. Lias Schwaben Taf. 4. Fig. 24.
23. — *rostralis* Lamck. (155) 147 Fig. 8. — *Leda rostralis* Bronn, Lethaea geogn. IV. 250. Taf. 20. Fig. 6.
Nucula claviformis Sowerby, Mineral. Conchol. Tb. 476. Fig. 2.
Nucula gutta Goldfuss II. pag. 364.
24. — *mucronata* Sow. (155) 147 Fig. 9. — *Leda rostralis* cf. Nr. 23.
Nucula claviformis Quenst. juv. Quenstedt, Jura 312. Taf. 43. Fig. 4—6.
Leda diana Oppel, Würtemb. Jahreshefte 1856. XII. 518.

25. *Nucula lacryma* Sow. (156) 148 Fig. 10. — *Leda lacryma* Morris and Lycett, Mollusca Great Oolite II. 53. Tb. 5. Fig. 15. — Quenstedt, Jura 505. Taf. 67. Fig. 18—21.
Nucula caudata Koch und Dunker, Beitr. norddeutsch. Oolithgeb. 31. Taf. 2. Fig. 7.
Leda Acasta d'Orbigny, Pal. stratigr. I. 275.
26. — *complanata* Phill. (156) 148 Fig. 11. — *Leda complanata* Bronn, Lethaea geogn. IV. 251. Taf. 20. Fig. 7.
Nucula rostrata Roemer, Versteiner. nordd. Oolithgeb. 96. 99. Taf. 6. Fig. 9.
Leda doris d'Orbigny, Pal. stratigr. II. 253.
 Cf. Nr. 17.
27. — *Hammeri* Defr. (156) 148 Fig. 12.
- e. Aus der Kreideformation:
27. *Nucula siliqua* Gf. (156) 148 Fig. 13. Reuss, Versteiner. böhm. Kreidegeb. II. 7. Taf. 34. Fig. 11.
- f. Aus der Tertiärformation:
28. *Nucula glaberrima* Mstr. (157) 149 Fig. 14.
29. — *striata* Lamck. (157) 149 Fig. 15.
30. — *fragilis* Desh. (157) 149 Fig. 16.
31. — *pygmaea* Mstr. (157) 149 Fig. 17.
32. — *abbreviata* Gf. (157) 149 Fig. 18. Quenstedt, Jura 508. Taf. 68. Fig. 7. 8.
33. — *laevigata* Sow. (157) 149 Fig. 19. Nyst, Coq. foss. tert. Belgique 228. Tb. 17. Fig. 8. — Wood, Crag Mollusca II. 81. Tb. 10. Fig. 8.
34. — *comta* Gf. (158) 150 Fig. 20. — *Nucula sulcata* Bronn. Ital. Tertiärgeb. 109.
Nucula Polii Philippi, Mollusc. Sicil. I. 63. Taf. 5. Fig. 10.
35. — *margaritacea* Lamck. (158) 150 Fig. 21. — *Nucula nucleus* Lin. Wood, Crag Mollusca II. 85. Tb. 10. Fig. 6. — Hoernes, foss. Mollusken Wien II. 297. Taf. 38. Fig. 2.
 Bronn, Lethaea geogn. VI. 369. — Reuss, Versteiner. böhm. Kreidegeb. II. 6. Taf. 34. Fig. 26. 27.
36. — *minuta* Brocch. (158) 150 Fig. 22. — *Leda minuta* d'Orb. Bronn, Lethaea geogn. VI. 371.
Leda subminuta d'Orbigny, Pal. stratigr. III. 104. — *Nucula acuminata* Eichwald, Lethaea rossica III. 72. Tb. 4. Fig. 13.
37. — *nitida* Brocch. (158) 150 Fig. 23. — *Leda nitida*.

Tafel 126.

Pectunculus Lamck.

a. Aus der Juraformation:

1. *Pectunculus texatus* Mstr. (159) 151 Fig. 1. — *Isoarca texata* Gr. Münster, Beitr. z. Petrefk. VI. 83. Taf. 4. Fig. 16.
 — Etallon, Etudes pal. Haut Jura 109.
Isoarca cordiformis Quenstedt, Jura 761. Taf. 93. Fig. 16. 17.

b. Aus der Kreideformation:

2. *Pectunculus umbonatus* Sow. (160) 151 Fig. 2. Reuss, Versteiner. böhm. Kreidegeb. II. 9. Taf. 41. Fig. 20.
Pectunculus decussatus Roemer, Versteiner. nordd. Kreidegeb. 69.
3. — *sublaevis* Sow. (160) 152 Fig. 3. Reuss, Versteiner. böhm. Kreidegeb. II. 9. Taf. 35. Fig. 10. 11.
Pectunculus lens und *P. sulcatus* Roemer, Versteiner. nordd. Kreidegeb. 68. Taf. 8. Fig. 23.
4. — *obsoletus* Gf. (160) 152 Fig. 4. Geinitz, Character. sächs. Kreidegeb. 51. Taf. 11. Fig. 2.

c. Aus der Tertiärformation:

5. *Pectunculus pulvinatus* Lamck. (160) 152 Fig. 5. Bronn, Lethaea geogn. VI. 377. Taf. 39. Fig. 4.
6. — *polyodonta* Bronn (161) 152 Fig. 6. 7. — *Pectunculus obovatus* Lamarck. Sandberger, Mainzer Tertiärbecken 349. Taf. 30. Fig. 3.
Pectunculus crassus Philippi, Tertiärverst. NW. Deutschld. 33. 44. 71.
Pectunculus glycymerus Lin. Wood, Crag Mollusca II. 66. Tb. 9. Fig. 1.
Pectunculus pilosus Nyst, Coq. foss. tert. Belgique 247. Tb. 19. Fig. 6. 7.
7. — *insubricus* Bronn (161) 153 Fig. 8. — *Pectunculus angusticostatus* Lamck.

8. *Pectunculus terebratularis* Lamck. (161) 153 Fig. 9. — *Pectunculus angusticostatus* Lamck.
 9. — *angusticostatus* Lamck. (162) 154 Fig. 10. Sandberger, Mainzer Tertiärbecken 348. Taf. 30. Fig. 1. 2.
Pectunculus obliterated Deshayes, An. s. vert. bassin Paris I. 848. Tb. 70. Fig. 21—23.
 11. — *pygmaeus* Phil. (162) 154 Fig. 11. — *Limopsis pygmaea* Sism. Wood, Crag Mollusca II. 71. Tb. 9. Fig. 3.
Trigonocoelia decussata Nyst, Coq. foss. tert. Belgique 245. Tb. 18. Fig. 7.
Limopsis anomala Hoernes, foss. Mollusken Wien II. 312. Taf. 39. Fig. 2. 3.
Trigonocoelia anomala Eichwald. Lethaea rossica III. 75. Tb. 4. Fig. 10.
 12. — *granulatus* Lamck. (162) 154 Fig. 12.
 13. — *costulatus* Gf. (163) 154 Fig. 13. — *Limopsis costulata*.
 14. — *auritus* Brocch. (163) 155 Fig. 14. — *Limopsis aurita* Sassi Wood, Crag Mollusca II. 70. Tb. 9. Fig. 2. —
 Bronn, Lethaea geogn. VI. 375. Taf. 39. Fig. 7.
Trigonocoelia sublaevigata Nyst, Coq. foss. tert. Belgique 244. Tb. 26. Fig. 2.
Pectunculina aurita d'Orbigny, Pal. stratigr. III. 183.

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15. *Pectunculus minutus* Phil. (163) 155 Fig. 1. — *Limopsis Goldfussi* Sandberger, Mainzer Tertiärbecken 346. Taf. 29.
 Fig. 5. 6.
Trigonocoelia Goldfussi Nyst, Coq. foss. tert. Belgique 243.
Pectunculus Goldfussi Giebel, Fauna von Latdorf 75.

Pinna Lin.

a. Aus dem Keupper:

1. *Pinna prisca* Mstr. (164) 155 Fig. 2. — ? *Mytilus eduliformis* Schloth.

b. Aus dem Lias:

2. *Pinna Hartmanni* Ziet. (164) 156 Fig. 3. — *Pinna folium* Phillips, Geol. Yorkshire I. 161. Tb. 14. Fig. 17.
Pinna diluviana von Zieten, Versteiner. Würtemb. 74. Taf. 55. Fig. 6. 7.
 3. — *fissa* Gf. (164) 156 Fig. 4.

c. Aus der Juraformation:

4. *Pinna tenuistria* Mstr. (165) 156 Fig. 5. Quenstedt, Jura 437.
 5. — *radiata* Mstr. (165) 156 Fig. 6.
 6. — *lanceolata* Sow. (165) 157 Fig. 7.
 7. — *ampla* Sow. (165) 157 Taf. 129. Fig. 1. Morris and Lycett, Mollusca Great Oolite II. 31. Tb. 4. Fig. 14.

d. Aus der Kreideformation:

8. *Pinna quadrangularis* Gf. (169) 157 Fig. 8. d'Orbigny, Terr. crétac. III. 256. Tb. 333. Fig. 4. 5. — Reuss, Versteiner.
 böhm. Kreidegeb. II. 14.
Pinna compressa Gf.
 — *Pinna decussata* cf. Nr. 10.
 9. — *restituta* Höngl. (166) 158
 Taf. 129. Fig. 3.

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10. *Pinna decussata* Gf. (166) 158 Fig. 1. 2. Reuss, Versteiner. böhm. Kreidegeb. II. 14. Taf. 37. Fig. 1. 2.
Pinna restituta Taf. 129. Fig. 3. — (*P. pyramidalis* Mstr. Fig. 2.)
Pinna depressa Fig. 13.
Pinna diluviana Geinitz, Quadersandsteingeb. 166.
 11. — *depressa* Mstr. (167) 158 Fig. 3. — *Pinna decussata* cf. Nr. 10.
 12. — *compressa* Gf. (167) 158 Fig. 4. — *Pinna quadrangularis* Gf. cf. Nr. 8.

e. Aus der Tertiärformation:

- 13.
- Pinna affinis*
- Sow. (167) 159 Fig. 5.

Mytilus Lin.A. Die Wirbel an der Vorderspitze.
Mytilus Lamck.

a. Aus dem Grauwackenkalk:

- 1.
- Mytilus pygmaeus*
- Gf. (168) 159 Fig. 6.

b. Aus dem Zechstein:

- 2.
- Mytilus Hausmanni*
- Gf. (168) 160
-
- Taf. 138. Fig. 4.

— *Mytilus squamosus* Sow. King, Permian Fossils 159. Tb. 14. Fig. 1–7.
Cf. unten.
Mytilus acuminatus Sowerby, Russia and Ural I. 224.
Myalina Hausmanni Kirkby, Quart. journ. geol. 1861. XVII. 304.

c. Aus der Triasformation:

- 3.
- Mytilus vetustus*
- Gf. (169) 160 Fig. 7.

— *Mytilus eduliformis* Bronn, Lethaea geogn. III. 66. Taf. 11. Fig. 4. —
Giebel, Versteiner. Muschelkalk Lieskau 37. Taf. 4. Fig. 2.
Mytilus inflexus F. Roemer, Palaeontographica I. 312. Taf. 36. Fig. 12. 13.
Mytilus arenarius Zenker, Beitr. z. Naturgesch. Urwelt 57. Taf. 6. Fig. 1. 2.

d. Aus der Juraformation:

- 4.
- Mytilus falcatus*
- Mstr. (169) 160 Fig. 8.

Tafel 129.

Pinna ampla Sow.

Fig. 1.

Thurmann u. Etallon, neue schweiz. Denkschriften XIX. 217. Taf. 28. Fig. 3.
Mytilus amplus Quenstedt, Jura 793.

- 5.
- Mytilus pectinatus*
- Sow. (169) 161 Fig. 2.

?*Mytilus subpectinatus* d'Orb. Thurmann u. Etallon, neue schweiz. Denkschriften XIX. 219. Taf. 29. Fig. 1.

- 6.
- sublaevis*
- Sow. (170) 161

Fig. 3.

Morris and Lycett, Mollusca Great Oolite II. 41. Tb. 4. Fig. 19. — Bronn, Lethaea geogn. IV. 236. Taf. 19. Fig. 14.
? *Mytilus jurensis* Roemer, Oolithgeb. 89. Taf. 4. Fig. 10.

7. —
- sulcatus*
- Gf. (170) 161

Fig. 4.

— *Myoconcha crassa* Sow. Morris and Lycett, Mollusca Great Oolite II. 76. Tb. 3. Fig. 16. — Bronn, Lethaea geogn. IV. 237. Taf. 20. Fig. 15.

8. —
- striatus*
- Gf. (170) 161

Fig. 5.

? *Myoconcha*.

9. —
- furcatus*
- Mstr. (170) 161

Fig. 6.

Morris and Lycett, Mollusca Great Oolite II. 39. Tb. 4. Fig. 9. — Quenstedt, Jura 757. Taf. 92. Fig. 22.

e. Aus der Kreideformation:

- 10.
- Mytilus angustus*
- Mstr. (170) 162 Fig. 7.

— *Avicula anomala* Sowerby, Transact. geol. soc. 1836. Tb. 17. Fig. 18. —
d'Orbigny, Terr. crétac. III. Tb. 392. — Reuss, Versteiner. böhm. Kreidegeb. II. 22. Taf. 32. Fig. 1–3.

Gervillia Reichi u. G. Cottae Roemer, Versteiner. nordd. Kreidegeb. 64. Taf. 8. Fig. 14.

Avicula glabra Reuss, Versteiner. böhm. Kreidegeb. II. 22. Taf. 32. Fig. 4. 5.

11. —
- ornatus*
- Mstr. (171) 162 Fig. 8.

f. Aus der Tertiärformation:

- 12.
- Mytilus Faujasi*
- Brong. (171) 162 Fig. 9.

13. —
- Brardi*
- Brong. (171) 162 Fig. 10.

— *Tichogonia Brardi*.

Sandberger, Mainzer Tertiärbecken 357. Taf. 29. Fig. 7.

Dreissena Brardi Bronn, Lethaea geogn. VI. 363. Taf. 30. Fig. 10. —
Fr. Edwards, Eocene Mollusca I. 59. Tb. 12. Fig. 3.

Dreissena Basteroti Nyst, Coq. foss. tert. Belgique 265. Tb. 20. Fig. 7.

Dreissena Sowerby d'Orbigny, Pal. stratigr. II. 425.

B. *Congerina* Partsch.

14. *Mytilus acutirostris* Gf. (172) 163 Fig. 11. ?*Dreissena* Brardi — *Dreissena Basteroti*?
 15. — *spathulatus* Gf. (172) 163 Fig. 12. ?*Dreissena* Brardi.

Tafel 130.

16. *Mytilus ungula caprae* Mstr. (172) 163 Fig. 1. *Dreissena ungula caprae* Nyst.
 17. — *palatonicus* (172) 164 Fig. 2. *Dreissena palatonica*.
 18. — *subglobosus* Gf. (173) 164 Fig. 3. 4. *Dreissena subglobosa*.

C. *Modiola* Lamck.

a. Aus der Grauwackenformation:

19. *Mytilus antiquus* Gf. (173) 164 Fig. 5

b. Aus dem Keupper:

20. *Mytilus minutus* Gf. (173) 165 Fig. 6 *Quenstedt, Jura 29. Taf. 1. Fig. 14.*
 ?*Modiola glabrata* Dunker, *Palaeontographica* I. Tb. 6. Fig. 17.
Modiola minima Moore, *Quart. journ. geol. London* 1861. XVII. 505.
 Tb. 15. Fig. 26. 27.

c. Aus dem Lias:

21. *Mytilus minimus* Gf. (174) 165 Fig. 7. *Oppel, Würtemb. Jahreshefte* 1856. XII. 219.
 22. — *Hillanus* Gf. (174) 165 Fig. 8. *Oppel, Würtemb. Jahreshefte* 1856. XII. 219.
 23. — *scalprum* Gf. (174) 165 Fig. 9. *Bronn, Lethaea geogn. IV. 235.*
Modiola elongata Koch u. Dunker, *nordd. Oolithgeb.* 22. Taf. 7. Fig. 12.
Mytilus Morrisi *Oppel, Würtemb. Jahreshefte* 1856. XII. 219.
 24. — *decoratus* Mstr. (175) 166 Fig. 10. *Oppel, Würtemb. Jahreshefte* 1856. XII. 219.

d. Aus der Juraformation:

25. *Mytilus gregarius* Gf. (175) 166 Fig. 11. *Modiola gregaria* *Quenstedt, Jura 356. Taf. 48. Fig. 16.*
Modiola minima *Roemer, Versteiner. nordd. Oolithgeb.* 90. Taf. 5. Fig. 6.
 26. — *plicatus* Gf. (175) 166 Fig. 12. — *Mytilus Sowerbyanus* *Orb. Morris and Lycett, Mollusca Great Oolite II.*
 36. Tb. 4. Fig. 1.
Modiola Sowerbyana *Bronn, Lethaea geogn. IV. 233. Taf. 15. Fig. 13.*
Quenstedt, Jura 357. Taf. 49. Fig. 4.

Tafel 131.

27. *Mytilus striatulus* Mstr. (175) 166 Fig. 1. *Modiola striatula* *Quenstedt, Jura 438. Taf. 60. Fig. 4.*
Myoconcha striatula *Oppel, Würtemb. Jahreshefte* 1856. XII. 533.
 28. — *cancellatus* Gf. (175) 167 Fig. 2.
 29. — *bipartitus* Gf. (176) 167 Fig. 3. *Modiola modiolata* *Quenstedt, Jura 438. Taf. 60. Fig. 5.*
Modiola Strajeskianus *d'Orbigny, M. K. V. Russia II. 463. Taf. 39. Fig. 22. 23.*
 30. — *gibbosus* Gf. (176) 167 Fig. 4. *Modiola cuneata, gregaria, hillana* *von Zieten, Versteiner. Würtemb.* 79.
 Taf. 59. Fig. 4. 5. 8.
 31. — *tenuistriatus* Mstr. (176) 168 Fig. 5. *Morris and Lycett, Mollusca Great Oolite II. 37. Tb. 4. Fig. 6.*
Modiola tenuistriata *Quenstedt, Jura 630. Taf. 78. Fig. 8.*
 32. — *cuneatus* Gf. (177) 168 Fig. 6. *Modiola gibbosa* *cf. Fig. 4.*
 33. — *subaequiplicatus* Gf. (177) 168 Fig. 7. *Thurmann u. Etallon, neue schweiz. Denkschriften XIX. 220. Taf. 29. Fig. 2.*
Modiola fornicata *Roemer, Versteiner. nordd. Oolithgeb.* 93.
Modiola compressa *Koch u. Dunker, Beitr. nordd. Oolithgeb.* 44. Taf. 5.
 Fig. 5.
 34. — *pulcher* Gf. (177) 168 Fig. 8. ?*Mytilus striatus.*
Modiola pulchra *v. Strombeck, geolog. Zeitschrift* 1853. V. 150.

35. *Mytilus pulcherrimus* Gf. (177) 169 Fig. 9. — *Modiola pulcherrima* Bronn, Lethaea geogn. V. 293. Taf. 19. Fig. 16.
Mytilus pulcherrimus Morris and Lycett, Mollusca Great Oolite 58. Tb. 4.
Fig. 12.
36. — *semitextus* Mstr. (178) 169 Fig. 10.
37. — *compressus* Gf. (178) 169 Fig. 11. Morris and Lycett, Mollusca Great Oolite II. 40. Tb. 4. Fig. 7.
- e. Aus der Kreideformation:
38. *Mytilus concentricus* Mstr. (178) 169 Cf. unten.
Taf. 138. Fig. 5.
39. — *radiatus* Mstr. (178) 170 Cf. unten.
Taf. 138. Fig. 6.
- f. Aus der Tertiärformation:
40. *Mytilus sericeus* Gf. (179) 170 Fig. 12. — *Modiola micans* Braun, Sandberger, Mainzer Tertiärbecken 364. Taf. 31.
Fig. 1.
Modiola sericea Wood, Crag Mollusca II. 61. Tb. 8. Fig. 3.
41. — *hastatus* Gf. (179) 170 Fig. 13. — *Modiola Nysti* Kickx, Sandberger, Mainzer Tertiärbecken 363. Taf. 31.
Fig. 2. — Nyst, Coq. foss. tert. Belgique 270. Tb. 20. Fig. 8. — Fr.
Edwards, Eocene Mollusca I. 68. Tb. 12. Fig. 8.
42. — *carinatus* Brocch. (179) 170 Fig. 14. — *Saxicava arctica* Philippi, Mollusc. Sicil. II. 19. Taf. 3. Fig. 3. — Wood,
Crag Mollusca II. 287. Tb. 29. Fig. 4.
Mya elongata Brocchi, Conch. foss. subap. II. 529. Tb. 12. Fig. 14.

Unio Brng.

a. Aus der Steinkohlenformation:

1. *Unio abbreviatus* Gf. (180) 171 Fig. 15. *Cardinia abbreviata* de Koninck, Anim. foss. carbon. Belgique 70. Tb. 1.
Fig. 7.
2. — *atratus* Gf. (180) 171 Fig. 16. *Cardinia atrata* de Koninck, Anim. foss. carbon. Belgique 75. Tb. H. Fig. 3.
3. — *tellinarius* Gf. (180) 171 Fig. 17. *Cardinia tellinaria* de Koninck, Anim. foss. carbon. Belgique 77. Tb. H.
Fig. 5. Tb. 1. Fig. 14.
4. — *subconstrictus* Sow. (181) 172 Fig. 18. *Cardinia ovalis* de Koninck, Anim. foss. carbon. Belgique 74. Tb. H. Fig. 2.
5. — *carbonarius* Bronn (181) 172 Fig. 19. *Cardinia carbonaria* de Koninck, Anim. foss. carbon. Belgique 72. Tb. 1.
Fig. 10.
6. — *uniformis* Sow. (181) 172 Fig. 20. Cf. Fig. 19.

Tafel 132.

b. Aus dem Lias:

7. *Unio Listeri* Sow. (181) 172 Fig. 1. — *Cardinia Listeri* Strickland, Ann. magaz. nat. hist. 1844. XIV. 106. —
? *Amphidesma donaciforme* l. c.
Cytherea latiplexa Taf. 149. Fig. 6. — *Cytherea lamellosa* Taf. 149. Fig. 8.
8. — *concinus* Sow. (181) 173 Fig. 2. — *Cardinia concinna* Agassiz, Etudes crit. Mues 222. Tb. 12. Fig. 21. 22.
— Bronn, Lethaea geogn. IV. 258. Taf. 20¹. Fig. 4.
Thalassites concinnus Quenstedt, Flötzgeb. Würtemb. 145. 541.

c. Aus der Juraformation:

9. *Unio striatus* Mstr. (182) 173 Fig. 3. ?

d. Aus der Tertiärformation:

10. *Unio flabellatus* Gf. (182) 174 Fig. 4.
11. — *costatus* Gf. (182) 173 Fig. 5.
12. — *Lavateri* Mstr. (182) 173 Fig. 6.
13. — *splendens* Gf. (183) 174 Fig. 7.

Megalodus Gf.

1. *Megalodus cucullatus* Gf. (183) 174 Fig. 8. Bronn, Lethaea geogn. I. 417. Taf. 2. Fig. 4.
2. — *carinatus* Gf. (183) 174 Fig. 9. Mecynodon carinatus Keferstein, geolog. Zeitschrift 1857. IX. 159.
3. — *truncatus* Gf. (184) 175 Fig. 10. Myophoria truncata von Grünewaldt, geolog. Zeitschrift 1851. IV. 252. Taf. 10. Fig. 6.
Schizodus truncatus Keferstein, geolog. Zeitschrift 1857. IX. 152.

Tafel 133.

4. *Megalodus auriculatus* Gf. (184) 175 Fig. 1. Mecynodon auriculatus Keferstein, geolog. Zeitschrift 1857. IX. 159.
5. — *alutaceus* Gf. (184) 175 Fig. 2.
6. — *rhomboideus* Gf. (184) 175 Fig. 3. Myophoria rhomboidea von Grünewaldt, geolog. Zeitschrift 1851. IV. 252. Schizodus rhomboideus Keferstein, geolog. Zeitschrift 1857. IX. 153.
7. — *oblongus* Gf. (185) 176 Fig. 4. Mecynodon oblongus Keferstein, geolog. Zeitschrift 1857. IX. 153. Geinitz, Versteiner. Grauwackform. II. 45. Taf. 12. Fig. 1.

Cardita Lamck.

a. Von St. Cassian:

1. *Cardita decussata* Mstr. (185) 176 Fig. 5.
2. — *crenata* Gf. (185) 176 Fig. 6.

b. Aus der Juraformation:

3. *Cardita angusta* Mstr. (186) 177 Fig. 7.
4. — *similis* Sow. (186) 177 Fig. 8. Opis similis Quenstedt, Jura 445. Taf. 61. Fig. 6. 7.
5. — *lunulata* Sow. (186) 177 Fig. 9. Opis lunulata Quenstedt, Jura 762. Taf. 93. Fig. 19.
Opis Moreauana Buvignier, Statist. géol. Meuse 17. Tb. 14. Fig. 6—10. — Etallon, Etudes pal. Haut Jura 93.
Opis Goldfussana d'Orbigny, Pal. stratigr. II. 15.
6. — *cardissoides* Gf. (186) 177 Fig. 10. — Opis cardissoides Defrance. Bronn, Lethaea geogn. V. 299. Taf. 32. Fig. 16. — Quenstedt, Jura 762. Taf. 93. Fig. 20. 21.
7. — *extensa* Gf. (187) 178 Fig. 11. 12. Quenstedt, Jura 762. Taf. 93. Fig. 29. 30.

c. Aus der Kreideformation:

8. *Cardita parvula* Mstr. (187) 178 Fig. 13.
9. — *Esmareki* Nils. (187) 178 Fig. 14. — *Pholadomya Esmarcki* cf. Taf. 157. Fig. 10.

d. Aus der Tertiärformation:

10. *Cardita Jouanneti* Gf. (187) 178 Fig. 15. Bronn, Lethaea geogn. VI. 382. — Hoernes, foss. Mollusken Wien II. 266. Taf. 35. Fig. 7—12.
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11. — *Partschii* Mstr. (188) 179 Fig. 16. *Cardita laticosta* Eichwald, Lethaea rossica III. 89. Tb. 5. Fig. 9.
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| 5. — simplex Gf. (197) 188 | Fig. 14. | — <i>Neoschizodus laevigatus</i> cf. Nr. 3.
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| 6. — curvirostre Gf. (198) 188 | Fig. 15. | — <i>Neoschizodus curvirostris</i> Giebel, Versteiner. Muschelkalk Lieskau 43. Taf. 4. Fig. 1. 3. 12. 15.
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| 7. — vulgare Gf. (198) 188 | Fig. 16. | Lyriodon elegans Dunker, Palaeontographica I. 300. Taf. 35. Fig. 1.
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| 8. Lyrodon pesanseris Gf. (198) 189 | Fig. 1. | — <i>Myophoria pes anseris</i> Bronn, Lethaea geogn. Trias 70. Taf. 11. Fig. 8.
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| 9. — Kefersteini Mstr. (199) 189 | Fig. 2. | — <i>Myophoria Kefersteini</i> von Hauer, Wiener Sitzungsberichte 1857. XXIV. 550. Taf. 4. Fig. 1—6.
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b. Aus der Juraformation:

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11. *Lyrodon lineatum* Mstr. (199) 190 Fig. 4. — *Myophoria lineata*. Laube, Fauna St. Cassian II. 59. Taf. 18. Fig. 7.
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18. *Lyrodon Herzogi* Gf. (202) 193 Fig. 5.
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20. — *sulcatum* Gf. (203) 193 Fig. 7. — *Trigonia sulcataria* Lamarek. Agassiz, Etud. crit. Trigonies 33. Tb. 11. Fig. 17. — d'Orbigny, Terr. crétac. III. 150. Tb. 294. Fig. 5—9.
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1. *Chama Münsteri* Gf. (204) 195 Fig. 7. *Diceras Münsteri* Etallon, Etudes pal. Haut Jura II. 117.

2. Chama ammonia Gf. (205) 195 Fig. 8. — *Requienia ammonia* Matheron. Bronn, Lethaea geogn. 3. Aufl. V. 261. Caprotina ammonia d'Orbigny, Terr. crétac. IV. 250. Tb. 578.
 3. — gryphina Lamck. (205) 195 Fig. 9. — *Chama gryphoides* Lin. Wood, Crag Mollusca II. 162. Tb. 15. Fig. 8. — Philippi, Enum. Moll. Sicil. I. 68. II. 79.
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 5. — arietina Gf. (206) 196 Fig. 2. — *Dicerias arietina* Lamck. Bronn, Lethaea geogn. IV. 138. Taf. 20. Fig. 1.
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 6. — sublamellosa Mstr. (206) 196 Fig. 3.

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a. Aus der Grauwackenformation:

1. Isocardia antiqua Gf. (207) 197 Fig. 1. — *Cardiomorpha antiqua*.
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b. Aus der Juraformation:

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 4. — striata Orb. (208) 198 Fig. 4. — *Ceromya inflata* Agassiz, Etudes crit. Myes 33. Tb. 8e. Fig. 13—21. — Bronn, Lethaea geogn. IV. 268. Taf. 20. Fig. 10.
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Isocardia obovata Roemer, Versteiner. nordd. Oolithgeb. 106. Taf. 7. Fig. 2.
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Ceromya obovata, *orbicularis*, *tetragona* d'Orbigny, Pal. stratigr. II. 48.
Gresslya striata Thurmann u. Etallon, neue schweiz. Denkschriften XIX. 167. Taf. 20. Fig. 1.
 5. — rimosa Mstr. (208) 198 Fig. 5. — *Pachyrisma rimosa* Laube, Fauna St. Cassian II. 39. Taf. 15. Fig. 9.
 6. — excentrica Voltz (203) 198 Fig. 6. — *Ceromya excentrica* Agassiz, Etudes crit. Myes 28. Tb. 8 a. b. c. — Bronn, Lethaea geogn. IV. 268. Taf. 20. Fig. 11.
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 8. — transversa Mstr. (209) 199 Fig. 8. — *Isoarca transversa* Quenstedt, Jura 631. Taf. 78. Fig. 9.
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 10. — gibbosa Mstr. (209) 199 Fig. 10. *Isocardia minima* v. Zieten, Verstein. Würtemb. Taf. 62. Fig. 4.
 11. — texata Mstr. (209) 199 Fig. 11. — *Isoarca texata* Mstr. Taf. 126. Fig. 1.
 12. — rostrata Sow. (210) 200 Fig. 12. — *Cypricardia rostrata* Morris and Lycett, Mollusca Great Oolite II. 75. Tb. 7. Fig. 9.
Cardium Beaumonti Archiac, Mém. soc. géol. France 1843. V. Tb. 26. Fig. 4.
 13. — ovata Mstr. (210) 200 Fig. 13.

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| 14. <i>Isocardia lineata</i> Mstr. (210) 200 | Fig. 14. | ? <i>Isocardia sublineata</i> Thurmann und Etallon, neue schweiz. Denkschriften N ^o X. 209. Taf. 26. Fig. 6. |
| 15. — <i>truncata</i> Gf. (210) 200 | Fig. 15. | |
| 16. — <i>cingulata</i> Gf. (210) 200 | Fig. 16. | <i>Isocardia inversa</i> cf. Nr. 17. — <i>Cardium multicostatum</i> Phillips, Geol. Yorksh. Tb. 13. Fig. 21. — <i>Cardium submulticostatum</i> d'Orbigny, Pal. stratigr. |
| 17. — <i>inversa</i> Gf. (211) 201 | Fig. 17. | — <i>Isocardia cingulata</i> cf. Nr. 16. |
| 18. — <i>minima</i> Sow. (211) 201 | Fig. 18. | Quenstedt, Jura 443. Taf. 60. Fig. 17. |

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| 19. <i>Isocardia cretacea</i> Gf. (121) 201 | Fig. 1. | Reuss, Versteiner. böhm. Kreidegeb. II. 2. Taf. 42. Fig. 29.
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— Wood, Crag Mollusca II. 193. Tb. 15. Fig. 9. — Bronn, Lethaea geogn. III. 383. Taf. 38. Fig. 10. |
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e. Aus der Tertiärformation:

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<i>Isocardia lunulata</i> u. <i>crassa</i> Nyst, Coq. ter. Belgique 198. Tb. 15. Fig. 2. 3.
<i>Isocardia Conradi</i> d'Orbigny, Pal. stratigr. III. 121.
<i>Isocardia rustica</i> Conrad, Amer. mioc. foss. 20. Tb. 11. Fig. 1.
<i>Isocardia Markoei</i> Conrad, Proceed. nat. Soc. I. 193. Tb. 2. Fig. 1. |
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a. Aus der Grauwackenformation:

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| 1. <i>Cardium incertum</i> Gf. (212) 202 | Fig. 3. | |
| 2. — <i>marginatum</i> Gf. (212) 202 | Fig. 4. | |
| 3. — <i>loricatum</i> Gf. (213) 202 | Fig. 5. | |
| 4. — <i>hibernicum</i> Sow. (213) 203 | Fig. 6. | de Koninck, Anim. carbon. Belgique 85. Tb. 4. Fig. 13.
<i>Conocardium hibernicum</i> Agassiz. |

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| 5. <i>Cardium aliforme</i> Sow. (213) 203 | Fig. 1. | — <i>Conocardium aliforme</i> Bronn, Lethaea geogn. I. 420. Taf. 3. Fig. 9.
de Koninck, Anim. foss. carbon. Belgique 83. Tb. 4. Fig. 12. — Sandberger, Versteiner. rhein. Schichtsys. Nassau 257. Taf. 27. Fig. 6.
<i>Pleurorhynchus minor</i> Phillips, Palaeoz. foss. 33. Tb. 17. Fig. 50.
<i>Pleurorhynchus armatus</i> Phillips, Geol. Yorksh. II. 211. Tb. 5. Fig. 29. |
| 6. — <i>elongatum</i> Sowb. (214) 204 | Fig. 2 a. b. | — <i>Cardium rostratum</i> de Koninck, Anim. foss. carbon. Belgique 97. Tb. 2. Fig. 9. |
| | Fig. 2 c. d. | — <i>Conocardium aliforme</i> cf. Nr. 5. |
| 7. — <i>triangulum</i> Mstr. (214) 204 | Fig. 3. | |
| 8. — <i>lineatum</i> Mstr. (215) 204 | Fig. 4. | |
| 9. — <i>mytiloides</i> Mstr. (215) 204 | Fig. 5. | |
| 10. — <i>gracile</i> Mstr. (215) 205 | Fig. 6. | |
| 11. — <i>angulatum</i> Mstr. (215) 205 | Fig. 7. | |
| 12. — <i>trigonum</i> Mstr. (215) 205 | Fig. 8. | |
| 13. — <i>plicatum</i> Mstr. (215) 205 | Fig. 9. | |
| 14. — <i>tripartitum</i> Mstr. (216) 206 | Fig. 10. | |

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 16. — *intermedium* Mstr. (217) 206 Fig. 2. — *Cardiola intermedia* Gr. Münster, Beitr. z. Petrefkd. III. 67.
 17. — *tenuistriatum* Mstr. (217) 206 Fig. 3. — *Cardiola tenuistriata* Graf Keyserling, Reise in das Petschoraland 253. Taf. 11. Fig. 1.
 18. — *costulatum* Mstr. (217) 207 Fig. 4.
 19. — *subgranulatum* Mstr. (217) 207 Fig. 5.
 20. — *latum* Mstr. (217) 207 Fig. 6.
 21. — *palmatum* Gf. (217) 207 Fig. 7. — *Cardiola retrostriata* Sandberger, Versteiner. rhein. Schichtsys. Nassau 270. Taf. 28. Fig. 8. — Bronn, Lethaea geogn. I. 424. Taf. 3¹. Fig. 1.
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Cardium retrostriatum Geinitz, Versteiner. Grauwackform. II. 47. Taf. 12. Fig. 7.
 22. — *glabrum* Mstr. (218) 207 Fig. 8.

a. Aus dem Lias:

23. *Cardium multicostatum* Phill. (218) 207 Fig. 9.
 24. — *truncatum* Phill. (218) 208 Fig. 10. *Cardium striatulum* Quenstedt, Jura 328. Taf. 44. Fig. 18. 19.
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Cardium Philippianum Dunker, Palaeontogr. I. 116. Taf. 17. Fig. 6. — *Protocardia Philippiana* Bornemann, Liasformation von Göttingen 65.
 25. — *cucullatum* Gf. (218) 208 Fig. 11. Quenstedt, Jura 151. Taf. 18. Fig. 30. 31.
 26. — *caudatum* Gf. (219) 208 Fig. 12. *Cypricardia cucullata* Oppel, Würtemb. Jahreshfte 1856. XII. 297.
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27. *Cardium harpa* Mstr. (219) 208 Fig. 13. — *Trigonia harpa* Laube, Fauna St. Cassian II. 55. Taf. 18. Fig. 1.
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 37. — *asperum* Mstr. (221) 210 Fig. 8. — *Cardium productum* Sowerby, d'Orbigny, Terr. crétae. III. 31. Tb. 247.
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— *Pholadomya decussata* Philipps. Reuss, Versteiner. böhm. Kreidegeb. II. 17. — v. Strombeck, geolog. Zeitschrift 1863. XV. 143.

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43. — *striatulum* Brocchi (223) 212 Fig. 5.

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Cardium trigonellum d'Orbigny, Pal. stratigr. III. 18.

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 3. — *lineata* Gf. (227) 216 Fig. 8. — *Lucina antiqua* cf. Fig. 7.
 4. — *rugosa* Gf. (227) 216 Fig. 9.

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 6. — *laevis* Mstr. (228) 216 Fig. 11. — *Cardinia ovalis* Strickland, Ann. magaz. nat. hist. 1844. XIV. 107.
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| 2. — <i>majuscula</i> Gf. (231) 221 | Fig. 6. | — <i>Cyrena majuscula</i> Roem. Dunker, Wealdenform. 39. Taf. 9. Fig. 1—3. |
| 3. — <i>sublaevis</i> Gf. (232) 221 | Fig. 7. | — <i>Cyrena sublaevis</i> Roem. Dunker, Wealdenform. 35. Taf. 12. Fig. 3. |
| 4. — <i>faba</i> Mstr. (232) 221 | Fig. 8. | ? <i>Cyrena</i> . |
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Thracia incerta Bronn, Lethaea geogn. IV. 265. Taf. 20 ¹ . Fig. 6. — Thurmann u. Etallon, neue schweiz. Denkschriften XIX. 165. Taf. 19. Fig. 6.
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| 7. — <i>strigata</i> Gf. (234) 224 | Fig. 18. | Reuss, Versteiner. böhm. Kreidegeb. II. 18. Taf. 36. Fig. 21. |
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| 11. — <i>pusilla</i> Phil. (235) 225 | Fig. 3. | Philippi, Enumer. Moll. Sicil. II. 23. Taf. 3. Fig. 9. |
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<i>Cyprina Nysti</i> Hebert, Bullet. soc. géol. France b. VI. 468.
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| 2. <i>Cyprina Lajonkairi</i> Gf. (237) 226 | Fig. 9. | — <i>Cyprina rustica</i> Sow. Wood, Crag Mollusca II. 197. Tb. 18. Fig. 1.
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 2. — *latiplex* Mstr. (238) 227 Fig. 6. — *Cardinia Listeri* Strickl. Agassiz, Moll. 222. — Bronn, Lethaea geogn. IV. 256. Taf. 20¹. Fig. 3. — Cf. Taf. 132. Fig. 1.
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 3. — *aptychus* Mstr. (238) 227 Fig. 7. — *Cardinia aptychus* Strickland, Ann. magaz. nat. hist. 1844. XIV. 107.
 4. — *lamellosa* Gf. (238) 227 Fig. 8. — *Cardinia Listeri* cf. Nr. 2 und *Unio Listeri* Taf. 132. Fig. 1.

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3. — *angulata* Mstr. (243) 232 Fig. 5.
4. — *obliqua* Mstr. (243) 232 Fig. 6.
5. — *pumila* Mstr. (243) 232 Fig. 7. Quenstedt, Jura 111. Taf. 13. Fig. 44; 189. Taf. 13. Fig. 24.

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8. — *subinflexa* Roem. (244) 233 Fig. 10. *Venus parvula* Roemer, Versteiner. nordd. Kreidegeb. Taf. 7. Fig. 13.
9. — *affinis* Mstr. (244) 233 Fig. 11. *Mactra Zwingeri* Thurmann u. Etallon, neue schweiz. Denkschriften XIX. 174. Taf. 20. Fig. 9.
10. — *Saussurei* Gf. (244) 233 Fig. 12. *Cyprina Münsteri* Thurmann u. Etallon, neue schweiz. Denkschriften XIX. 277. Taf. 21. Fig. 5.
11. — *nuculiformis* Roem. (245) 234 Fig. 13. — *Cyprina Brongniarti* Pictet et Renevier, Plat. Pal. Aptien 74. — Thurmann u. Etallon, neue schweiz. Denkschriften XIX. 175. Taf. 20. Fig. 1.
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— *Cyprina caudata* cf. Fig. 16.
— *Cyprina caudata* Thurmann und Etallon, neue schweiz. Denkschriften XIX. 176. Taf. 20. Fig. 2.
— *Venus grandis* cf. Nr. 13.
— *Cyprina jurensis* Morris and Lycett, Mollusca Great Oolite III. 89. Tb. 13. Fig. 3.
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— *Quenstedt*, Jura 764. Taf. 93. Fig. 35

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18. — *parallela* Mstr. (246) 235 Fig. 2.
19. — *gibbosa* Mstr. (246) 235 Fig. 3.
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 24. — *fragilis* Mstr. (247) 236 Taf. 148. Fig. 8.
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 26. — *vetula* Bost. (248) 237 Fig. 8. — *Venus rotundata* Brocchi, Conch. subap. II. 538.
 27. — *plicata* Gruel (248) 237 Fig. 9. Deshayes Traité élém. Conchyl. 561. Tb. 21. Fig. 13. 14. — Hoernes, Moll. Wien II. 132. Taf. 15. Fig. 4—6.
 28. — *verrucosa* Lin. (249) 237 Fig. 10. *Venus subplicata* d'Orbigny, Pal. stratigr. III. 107.
 — *Venus cincta* Eichwald, Lethaea rossica I. 108. Taf. 5. Fig. 14. — Hoernes, Moll. Wien II. 127. Taf. 13. Fig. 4.

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1. *Venerupis lamellosa* Mstr. (249) 238 Fig. 11. — *Petricola lamellosa* Goldfuss.
 2. — *substriata* Mstr. (249) 238 Fig. 12. — *Petricola substriata* Goldfuss.

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a. Aus dem Muschelkalk:

1. *Corbula dubia* Mstr. (250) 239 Fig. 13. — *Corbula incrassata* cf. Taf. 124. Fig. 11.

b. Aus der Juraformation:

2. *Corbula involuta* Mstr. (250) 239 Fig. 14. Morris and Lycett, Mollusca Great Oolite III. 97. Tb. 9. Fig. 6.
Corbula striata Buckmann, Geol. Cheltenham 2. edit. 97. Tb. 3. Fig. 4.

c. Aus der Kreideformation:

3. *Corbula aequivalvis* Gf. (250) 239 Fig. 15. — *Pholadomya caudata* Roemer, Versteiner. nordd. Oolithgeb. 76. Taf. 10. Fig. 8. — Reuss, Versteiner. böhm. Kreidegeb. II. 14. Taf. 36. Fig. 8.
 4. — *striatula* Sow. (251) 239 Fig. 16. d'Orbigny, Terr. crétac. III. 459. Tb. 388. Fig. 9—13. — Archiac, Bullet. soc. géol. France 1854. XI. 209. Tb. 4. Fig. 14. 15.
 5. — *caudata* Nils. (251) 240 Fig. 17. ? *Corbula truncata* Sowerby, Transact. geol. soc. 1836. Tb. 16. Fig. 8.
 6. — *subglobosa* Gf. (251) 240 Fig. 18. Reuss, Versteiner. böhm. Kreidegeb. II. 20. Taf. 36. Fig. 23.

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d. Aus der Tertiärformation:

7. *Corbula cuspidata* Bronn (251) 240 Fig. 1. — *Neaera cuspidata* Forbes, Ann. mag. nat. hist. 1 ser. XIII. 306.
 8. — *rugosa* Lamck. (252) 240 Fig. 2.
 9. — *rotundata* Sow. (252) 241 Fig. 3 v. — *Corbula subpisiformis* Sandberger, Mainzer Tertiärbecken 288. Taf. 22. Fig. 14.
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Corbula subpisum d'Orbigny, Pal. stratigr. III. 20. — Deshayes, An. s. vert. bassin Paris I. 216. Tb. 12. Fig. 24—28.
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 10. — *pisum* Sow. (252) 241 Fig. 4.

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1. *Mactra solida* Lin. (253) 241 Fig. 5. Wood, Crag Mollusca II. 245. Tb. 24. Fig. 4.
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1. *Lutaria jurassi* Brongn. (254) 243 Fig. 7. — *Myopsis jurassi* Agassiz, Etudes critiq. Myes 255. Tb. 30. Fig. 3—10. — Bronn, Lethaea geogn. IV. 275. Taf. 20¹. Fig. 9.
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Pleuromya jurassi Thurmann und Etallon, neue schweiz. Denkschriften XIX. 150.
2. — *Alduini* Gf. (254) 243 Fig. 8. — *Pleuromya Alduini* Agassiz, Etudes critiq. Myes 242. Tb. 22. Fig. 10—12.
— Bronn, Lethaea geogn. IV. 272.
Panopaea Alduini d'Orbigny, Pal. stratigr. II. 46.
Myacites Alduini Quenstedt.
3. — *rugosa* Gf. (255) 243 Fig. 9. — *Pleuromya rugosa* Agassiz, Etudes critiq. Myes 233.
4. — *gregaria* Ziet. (255) 244 Fig. 10. — *Gresslya latirostris* Agassiz, Etudes critiq. Myes 212. Tb. 13a. Fig. 8—13.
— Bronn, Lethaea geogn. VI. 270. Taf. 20¹. Fig. 8.
Gresslya lunulata, ovata Agassiz, Etudes critiq. Myes 208. Tb. 13. Fig. 4—10.
Tb. 13a. Fig. 1—9.
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Unio abductus Quenstedt, Jura 325. Taf. 44. Fig. 17. — Myacites gregarius Quenstedt, Jura 447. Taf. 61. Fig. 8—10.
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5. — *striatopunctata* Mstr. (255) 244 Fig. 11. Myacites striatopunctatus Quenstedt, Jura 449. Taf. 61. Fig. 12.
6. — *unioides* Gf. (256) 244 Fig. 12. — *Pleuromya unioides* Agassiz, Etudes crit. Myes 236. Tb. 27. Fig. 9—13.
— Bronn, Lethaea geogn. IV. 271. Taf. 19. Fig. 17.
Pleuromya liasina, aequistriata Agassiz, Etudes crit. Myes 233. 237. Tb. 21. Fig. 8—17.
Panopaea liasina, Lyonsia unioides d'Orbigny, Pal. stratigr. I. 215. 234.
Myacites unioides Quenstedt, Jura 190. Taf. 23. Fig. 30.
7. — *donaciformis* Gf. (256) 245 Fig. 13. Amphidesma rotundatum Roemer, Versteiner. nordd. Oolithgeb. 122.
Gresslya donaciformis v. Seebach, Hannov. Jura 129.
8. — *rotundata* Gf. (256) 245 Fig. 14. — *Pleuromya rotundata* Agassiz, Etudes crit. Myes 234.
9. — *recurva* Gf. (257) 245 Fig. 15. — *Pleuromya recurva* Agassiz, Etudes crit. Myes 233.

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10. *Lutaria ovalis* Mstr. (257) 246 Fig. 1. Panopaea subovalis Oppel, Würtemb. Jahreshfte 1856. XII. 512.
11. — *tenuistria* Mstr. (257) 246 Fig. 2. Myacites jurassi Quenstedt, Jura 449. Taf. 61. Fig. 13.
12. — *decurtata* Gf. (257) 246 Fig. 3. Myacites decurtatus Morris and Lycett, Mollusea Great Oolite III. 137. Tb. 15. Fig. 10.
Amphidesma decurtatum Phillips, Geol. Yorksh. 1. Tb. 7. Fig. 11.
Pleuromya decurtata Agassiz, Etudes crit. Myes 232.
Panopaea Zieteni Oppel, Würtemb. Jahreshfte 1856. XII. 512.
13. — *elongata* Mstr. (258) 246 Fig. 4. Pleuromya elongata Agassiz, Etudes crit. Myes 244. Tb. 27. Fig. 3—8.
14. — *concentrica* Mstr. (258) 247 Fig. 5. — *Psammobia concentrica* Thurmann und Etallon, neue schweiz. Denkschriften XIX. 169. Taf. 20. Fig. 3.
Mya rugosa Roemer, Versteiner. nordd. Oolithgeb. 125. Taf. 9. Fig. 16. 17.
Mactromya rugosa Agassiz, Myes 197. Tb. 9c. Fig. 1—23.
15. — *ventricosa* Mstr. (258) 247 Fig. 6. Pleuromya ventricosa Agassiz, Etudes crit. Myes 234.
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16. *Lutaria Sanna* Bast. (258) 247 Fig. 8. — *Lutaria crassidens* Lamarck, Anim. s. vert. V. 471.
17. — *prisca* Gf. (259) 247 Fig. 9. — *Allorisma priscum* King, Ann. magaz. nat. hist. 1 serie XIV. 315.

Myacites Schloth.

1. *Myacites musculoides* Schloth (259) 248 Fig. 10. v. Strombeek, geolog. Zeitschrift 1849. I. 129.
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| 2. <i>Myacites ventricosus</i> Schloth (260) 248 | Fig. 11. | — <i>Pleuromya ventricosa</i> Agassiz, Etudes crit. Myes 233. |
| 3. — <i>elongatus</i> Schloth (260) 248 | Fig. 12. | Giebel, Versteiner. Muschelkalk Lieskau 52. Taf. 3. Fig. 8. |
| 4. — <i>radiatus</i> Mstr. (260) 248 | Fig. 13. | <i>Pleuromya radiata</i> Agassiz. |

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| 6. — <i>grandis</i> Mstr. (261) 249 | Fig. 2. | — <i>Myacites musculoides</i> cf. Taf. 153. Fig. 10.
<i>Pholadomya grandis</i> v. Seebach, Conchylienfauna Weimar. Trias 86. |
| 7. — <i>Albertii</i> Gf. (261) 249 | Fig. 3. | <i>Pleuromya Albertii</i> Agassiz. |
| 8. — <i>obtusius</i> Gf. (261) 249 | Fig. 4. | |

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| 1. <i>Lysianassa angulifera</i> Mstr. (262) 250 | Fig. 5. | — <i>Goniomya Knorri</i> Agassiz, Etudes crit. Myes 15. Tb. 1d. Fig. 11—17.
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<i>Mya literata</i> Zieten, Versteiner. Würtemb. Taf. 64. Fig. 5.
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<i>Goniomya quinquescripta opalina</i> Quenstedt, Jura 326. Taf. 45. Fig. 1. |
| 2. — <i>Vscripta</i> Mstr. (262) 250 | Fig. 6. | — <i>Goniomya Vscripta</i> Agassiz, Etudes crit. Myes 20. Tb. 1b. Fig. 17—19. |
| 3. — <i>anaglyptica</i> Mstr. (263) 251 | Fig. 7. | <i>Goniomya anaglyptica</i> Agassiz, Etudes crit. Myes 6. |
| 4. — <i>literata</i> Mstr. (263) 251 | Fig. 8. | — <i>Goniomya literata</i> Agassiz, Etudes crit. Myes 18. Tb. 16. Fig. 13—16.
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| 5. — <i>subcarinata</i> Gf. (263) 251 | Fig. 9. | — <i>Goniomya subcarinata</i> Agassiz. |
| 6. — <i>hybrida</i> Mstr. (263) 251 | Fig. 10. | — <i>Goniomya hybrida</i> Agassiz. |
| 7. — <i>rhombifera</i> Gf. (264) 252 | Fig. 11. | — <i>Goniomya rhombifera</i> Agassiz.
<i>Goniomya heteropleura</i> Agassiz, Etudes crit. Myes 24. Tb. 1d. Fig. 9. 10. |
| 8. — <i>ornata</i> Mstr. (264) 252 | Fig. 12. | — <i>Goniomya ornata</i> Quenstedt, Jura 796. Taf. 98. Fig. 15. |
| 9. — <i>designata</i> Gf. (264) 252 | Fig. 13. | <i>Goniomya designata</i> Agassiz, Etudes crit. Myes 5.
<i>Goniomya consignata</i> Roemer, Versteiner. nordd. Kreidegeb. 75. Taf. 10.
Fig. 3.
<i>Pholadomya Agassizi</i> d'Orbigny, Terr. crétac. III. 352. Tb. 363. Fig. 1—3. |

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Pholadomya Sow.

a. Aus dem Grauwackenkalk:

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| 1. <i>Pholadomya radiata</i> Gf. (265) 253 | Fig. 1. | — <i>Pholadomya acuticosta</i> Sowerby, Mineral Conch. Tb. 546. Fig. 1. 2. —
Bronn, Lethaea geogn. IV. 276. Taf. 20. Fig. 18.
<i>Pholadomya multicostata</i> Agassiz, Etudes crit. 52. Tb. 2. Fig. 1—12. Tb. 2 ^{'''} .
Fig. 3—4. Tb. 3 ¹ . Fig. 10. |
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b. Aus dem Lias und der Juraformation:

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| 2. <i>Pholadomya Murchisoni</i> Sow. (265) 253 | Fig. 2. | Bronn, Lethaea geogn. IV. 278. Taf. 20. Fig. 19. — Quenstedt, Jura 453.
Taf. 62. Fig. 5.
<i>Pholadomya exaltata</i> Agassiz, Etudes crit. Myes 72. Tb. 4. Fig. 7. 8. Tb. 4a.
<i>Pholadomya bellona</i> d'Orbigny, Pal. stratigr. I. 305. |
| | Fig. 2 a. b | <i>Pholadomya württembergica</i> Oppel, Würtemb. Jahreshefte 1857. XIII. 265. |
| 3. — <i>decorata</i> Hartm. (266) 254 | Fig. 3. | Agassiz, Etudes crit. Myes. 101. Tb. 7. Fig. 17. 18. — Bronn, Lethaea
geogn. IV. 280. Taf. 20. Fig. 20. — Quenstedt, Jura 151. Taf. 19. Fig. 1. |
| 4. — <i>Hausmanni</i> Gf. (266) 254 | Fig. 4. | Schloenbach, geolog. Zeitschrift 1863. XV. 536.
<i>Pholadomya Roemeri</i> v. Strombeck, geolog. Zeitschrift 1852. V. 146. |

5. *Pholadomya ventricosa* Gf. (266) 254 — *Pholadomya parvicosta* Ag. cf. Nr. 7.
Fig. 5.
6. — *carinata* Gf. (267) 255 Fig. 6. Agassiz, Etudes crit. Myes 84. Tb. 4¹. Fig. 4—6.

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7. *Pholadomya ambigua* Sow. (267) 255 — *Pholadomya parvicosta* Agassiz, Etudes crit. Myes 77. Tb. 6. Fig. 7. 8.
Fig. 1. Tb. 6b. Tb. 6c.
8. — *decemcostata* Roem. (268) 255 Fig. 2.
9. — *concentrica* Roem. (268) 256 Fig. 3. — *Pholadomya ampla* Agassiz, Etudes crit. Myes 130. Tb. 7. Fig. 13—15;
Tb. 7a. Fig. 7—18.
10. — *lineata* Gf. (268) 256 Fig. 4. — *Pholadomya ampla* Agassiz cf. Nr. 9.
11. — *nodosa* Gf. (268) 256 Fig. 5.
12. — *ovalis* Sow. (269) 256 Fig. 6. Quenstedt, Jura 452. Taf. 62. Fig. 6.
13. — *angustata* Sow. (269) 257 Fig. 7. — *Pholadomya flabellata* Agassiz, Etudes crit. Myes 109. Tb. 2c. Fig. 10—12.
14. — *hemicardia* Roem. (269) 257 Fig. 8. *Pholadomya transversa* v. Seebach, Hannov. Jura 126. Taf. 5. Fig. 2.
— *Pholadomya cingulata* Agassiz, Etudes crit. Myes 132. Tb. 6^u.

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15. *Pholadomya parvula* Roem. (270) 257 Fig. 1.
16. — *fidicula* Sow. (270) 258 Fig. 2. — *Pholadomya obliqua* Agassiz, Etudes crit. Myes 110. Tb. 3. Fig. 10—12.
Tb. 3b. Fig. 7—9.
17. — *elongata* Mstr. (270) 258 Fig. 3. d'Orbigny, Terr. crétac. III. 350. Tb. 362. — Agassiz, Etudes crit. Myes
57. Tb. 1. Fig. 16. 17.
Pholas giganteus Sowerby, Transact. geol. soc. 1836. IV. Tb. 14. Fig. 1.
Pholadomya Langi Voltz. Leymerie, Mém. soc. geol. 1842. V. 24.
Pholadomya Scheuchzeri Agassiz, Etudes crit. Myes 57. Tb. 2'. Fig. 3—7.
Tb. 2^u. Fig. 7.
18. — *acuticosta* Sow. (270) 258 Fig. 4. — *Pholadomya multicostata* Agassiz, Etudes crit. Myes 52. Tb. 2. Fig. 3. 4.
Tb. 3'. Fig. 10. — Thurmann u. Etallon, neue schweiz. Denkschriften
XIX. 153. Taf. 16. Fig. 3.
Bronn, Lethaea geogn. IV. 276. Taf. 20. Fig. 18.
19. — *clathrata* Mstr. (271) 259 Fig. 5. Agassiz, Etudes crit. Myes 83. Tb. 4'. Fig. 1—3. — Quenstedt, Jura 598.
Taf. 74. Fig. 17. 18.
20. — *truncata* Gf. (271) 259 Fig. 6. *Pholadomya Goldfussi* Agassiz, Etudes crit. Myes 127.
21. — *striata* Mstr. (271) 259 Fig. 7.
22. — *donacina* Gf. (272) 260 Fig. 8. — *Pleuromya Alduini* cf. Taf. 152. Fig. 8.
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Myes 248. Tb. 23. 29. Fig. 16—18.
23. — *anomala* Gf. (272) 260 Fig. 9. — *Grammysia hamiltonensis* Verneuil, Bullet. soc. géol. France 2 ser. IV.
51. Fig. 1—3. — Bronn, Lethaea geogn. I. 431. Taf. 3'. Fig. 11.
Grammysia ovata Sandberger, Versteiner. rhein. Schichtsys. Nassau Taf. 28.
Fig. 2.

c. Aus der Kreideformation:

24. *Pholadomya Esmarki* Pusch (272) 260 v. Strombeck, geol. Zeitschrift 1863. XV. 145.
Fig. 10. *Cardita Esmarcki* Taf. 133. Fig. 14.
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25. *Pholadomya elliptica* Mstr. (273) 260 Fig. 1. ? *Pholadomya nodulifera* cf. Nr. 26.

26. *Pholadomya nodulifera* Mstr. (273) 261 Fig. 2. *Pholadomya Esmarecki* Taf. 157. Fig. 10c.

d. Aus der Tertiärformation:

27. *Pholadomya Puschi* Gf. (273) 261 Fig. 3. Giebel, Jahresber. naturw. Verein Halle 1852. V. 381.
Pholadomya arcuata Agassiz, Etudes crit. Myes 63. Tb. 2b. Fig. 1—8.
Pholadomya Weissi Philippi, Palaeontographica I. 45. Taf. 7. Fig. 3.

Panopaea Menard.

a. Aus der Kreideformation:

1. *Panopaea Beaumonti* Mstr. (274) 261 Fig. 4. — *Panopaea mandibula* d'Orbigny, Terr. crétac. III. 344. Tb. 360. Fig. 3. 4.
Mya mandibula Sowerby, Mineral Conchol. I. 93. Tb. 43.
Panopaea Iugleri Roemer, Versteiner. nordd. Kreidegeb. 75. Taf. 10. Fig. 4.
2. — *gurgites* Brgn. (274) 262 Taf. 153. Fig. 7. — *Panopaea plicata* Sow. d'Orbigny, Terr. crétac. III. 337. Tb. 357. Fig. 4. 5.
Panopaea acutisulcata d'Orbigny, Terr. crétac. III. 336. Tb. 357. Fig. 1—3.
3. — *plicata* Sow. (274) 262 Fig. 5. — *Panopaea gurgites* Sowerby.

b. Aus der Tertiärformation:

4. *Panopaea intermedia* Sow. (275) 262 Fig. 6. — *Panopaea Heberti* Deshayes, An. s. vert. bassin Paris I. 176. Tb. 6.
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5. — *inflata* Gf. (275) 263 Fig. 7.

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6. *Panopaea Faujasi* Men. (275) 263 Fig. 1. Wood, Crag Mollusca II. 283. Tb. 27. Fig. 1.
Panopaea ipsviciensis und *gentilis* Sowerby, Mineral Conchol. Tb. 611.
Fig. 3. 4. Tb. 610. Fig. 1.
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Solen Lin.

1. *Solen pelagicus* Gf. (276) 264 Fig. 2. Roemer, rhein. Uebergangsgeb. 78. Taf. 6. Fig. 2.
2. — *vetustus* Gf. (276) 264 Fig. 3. ?
3. — *compressus* Gf. (276) 264 Fig. 4.
4. — *cultellatus* Mstr. (277) 264 Fig. 5.
5. — *Hausmanni* Schloth. (277) 264 Fig. 6. — *Solen ensis* L.

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a. Aus der Grauwackenformation:

1. *Sanguinolaria soleniformis* Gf. (277) 265 Fig. 7.
2. — *carinata* Gf. (278) 265 Fig. 8.
3. — *angustata* Phill. (278) 265 Fig. 9.
4. — *gibbosa* Sow. (278) 266 Fig. 10. — *Allorisma gibbosa* King, Ann. magaz. nat. hist. 1. serie XIV. 315.
5. — *sulcata* Phill. (278) 266 Fig. 11. — *Allorisma sulcata* King, Ann. magaz. nat. hist. 1. serie XIV. 313.
6. — *lamellosa* Gf. (279) 266 Fig. 12.
7. — *truncata* Gf. (279) 266 Fig. 13.
8. — *laevigata* Gf. (279) 267 Fig. 14. *Cardiomorpha laevigata* Gein.
9. — *phaseolina* Gf. (279) 267 Fig. 15.

10. *Sanguinolaria compressa* Gf. (280) 267 Fig. 16.
 11. — *dorsata* Gf. (280) 267 Fig. 17.
 12. — *tellinaria* Gf. (280) 267 Fig. 18.
 13. — *striata* Mstr. (280) 268 Fig. 19.
 14. — *pygmaea* Mstr. (280) 268 Fig. 20.

Cardiomorpha tellinaria Geinitz.

Cardiomorpha striata de Koninck, Anim. foss. carbon. Belgique 105. Tb. H. Fig. 9.

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b. Aus dem Lias:

15. *Sanguinolaria Neptuni* Mstr. (281) 268 Fig. 1.
 16. — *lata* Mstr. (281) 268 Fig. 2.
 17. — *pusilla* Mstr. (281) 269 Fig. 3.

Thracia lata Oppel, Würtemb. Jahreshfte 1856. XII. 517.

c. Aus der Juraformation:

18. *Sanguinolaria gracilis* Mstr. (281) 269 Fig. 4.
Pecten Ottonis Gf. 269 Fig. 5.
 — *Phillipsi* Gf. 269 Fig. 6.
 — *striolatus* Gf. 269 Fig. 7.
Aricula aculeata Gf. 270 Fig. 8.
 — *antiqua* Gf. 270 Fig. 9.
Arca prisca Gf. 270 Fig. 10.
 — *carinata* Gf. 270 Fig. 11.
Nucula Murchisoni Gf. 271 Fig. 12.
Mytilus priscus Gf. 271 Fig. 13.
Isocardia vetusta Gf. 271 Fig. 14.
 — *harpa* Gf. 271 Fig. 15.
Cardium dimidiatum Gf. 271 Fig. 16.

? *Myalina fimbriata* Sandberger, Versteiner. rhein. Schichtsystr. Nassau 280. Taf. 29. Fig. 11.

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1. *Clavagella prisca* Gf. (285) 272 Fig. 17.
Glenotremites conoideus Gf. 272 Fig. 18.
Pleurodictyum problematicum Gf. 272 Fig. 19.

— *Productus proboscideus* de Koninck, Anim. carbon. Belgique 203. Tb. 11. Fig. 4.

BRACHIOPODA.

Tafel 161.

Calceola Lamck.

1. *Calceola sandalina* Lamck. (288) 274 Fig. 1.

Davidson, brit. foss. Brachiop. I. 120. Tb. 9. Fig. 224 — 228. — Bronn, Lethaea geogn. I. 384. Taf. 3. Fig. 5.

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| 2. — recurvirostris Gerv. (289) 275 | Fig. 3. | |
| 3. — hippocrepis Gf. (289) 276 | Fig. 4. | Thecidea vermicularis (Schloth.) |
| 4. — hieroglyphica Defr. (290) 276 | Fig. 5. | |
| 5. — digitata Sow. (290) 276 | Fig. 6. | Thecidea essensis Roemer, Versteiner. nordd. Kreidegeb. 36. |
| 6. — antiqua Mstr. (290) 276 | Fig. 7. | |

Tafel 162.**Crania** Retz.

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| 1. Crania ringens Hoengh. (292) 278 | Fig. 3. | |
| 2. — prisca Hoengh. (292) 278 | Fig. 4. | |
| 3. — nummulus Lamck. (292) 278 | Fig. 5. | |
| 4. — antiqua Defr. (293) 279 | Fig. 6. | d'Orbigny, Terr. crétaç. IV. Tb. 525. Fig. 11—16. |
| 5. — tuberculata Nils. (293) 279 | Fig. 7. | |
| 6. — parisiensis Defr. (293) 280 | Fig. 8. | Davidson, brit. cretaç. Brachiop. II. 8. Tb. 1. Fig. 1—7. |
| 7. — nodulosa Hoengh. (294) 280 | Fig. 9. | |
| 8. — striata Defr. (294) 280 | Fig. 10. | — Crania ignabergensis Retz. d'Orbigny, Terr. crétaç. IV. 142. Tb. 526. Fig. 1—6. — Davidson, brit. cretaç. Brachiop. II. 11. Tb. 1. Fig. 8—14. |
| 9. — costata Sow. (294) 281 | Fig. 11. | d'Orbigny, Terr. crétaç. IV. Tb. 525. Fig. 7—10. |
| 10. — spinulosa Nils. (295) 281 | Fig. 12. | |
| | Taf. 163. Fig. 1. | |
| 11. — abnormis Defr. (295) 281 | Fig. 13. | |

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| 12. Crania gracilis Mstr. (296) 282 | Fig. 2. |
| 13. — armata Mstr. (296) 282 | Fig. 3. |
| 14. — intermedia Mstr. (296) 282 | Fig. 4. |
| 15. — bipartita Mstr. (296) 283 | Fig. 5. |
| 16. — tripartita Mstr. (297) 283 | Fig. 6. |
| 17. — aspera Mstr. (297) 283 | Fig. 7. |
| 18. — porosa Mstr. (297) 283 | Fig. 8. |
| 19. — obsoleta Gf. (297) 283 | Fig. 9. |
| 20. — proavia Gf. (298) 284 | Fig. 10. |

Tafel 164.

Hippurites Guett.

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| 1. Hippurites agariciformis Gf. (300) 286 | Fig. 1. | — <i>Radiolites agariciformis</i> d'Orbigny, Terr. crétac. IV. 200. Tb. 544. 545.
— Bronn, Lethaea geogn. 3. Aufl. V. 259. Taf. 31. Fig. 6. |
| 2. — radiosus Desm. (300) 286 | Fig. 2. | Bayle, Bullet. soc. géol. France 1855. XII. 772. Tb. 17—19. |
| 3. — Hoeninghausi Gf. (301) 287 | Fig. 3. | — <i>Radiolites Hoeninghausi</i> d'Orbigny. Bronn, Lethaea geogn. 3. Aufl. V. 257. Taf. 31. Fig. 3. |

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| 4. Hippurites cornu vaccinum Bronn (301)
287 | Fig. 1. | d'Orbigny, Terr. crétac. IV. 162. Tb. 526. 527. — Bayle, Bullet. soc. géol. France 1855. XII. 772. |
| 5. — costulatus Gf. (302) 288 | Fig. 2. | ? Hippurites cornu vaccinum. |
| 6. — sulcatus Defr. (302) 288 | Fig. 3 a. b. | |
| | Fig. 3 c. d. | — <i>Hippurites organisans</i> Desmoulin d'Orbigny, Terr. crétac. IV. 173. Tb. 533. |
| 7. — inaequicostatus Mstr. (303) 289 | Fig. 4. | |
| 8. — Lapeirouxi Gf. (303) 289 | Fig. 5. | |

BAND III.

Gastropoda.

Tafel 166.

Dentalium Lin.

a. Aus der Grauwackenformation:

1. Dentalium Saturni Gf. (1) 1 Fig. 1.
2. — antiquum Gf. (2) 2 Fig. 2.

b. Aus dem Kohlenkalk:

3. Dentalium priscum Mstr. (2) 2 Fig. 3. de Koninck, Anim. foss. carbon. Belgique 316. Tb. 22. Fig. 1.

c. Aus dem Muschelkalk:

4. Dentalium laeve Schloth. (2) 2 Fig. 4. Giebel, Verstein. Muschelkalk Lieskau 57.

d. Aus dem Lias:

5. Dentalium elongatum Mstr. (2) 2 Fig. 5. Oppel, Würtemb. Jahreshefte 1856. XII. 510.

e. Aus der Juraformation:

6. Dentalium terme Mstr. (2) 2 Fig. 6.
7. — cinctum Mstr. (3) 2 Fig. 7.
8. — undulatum Mstr. (3) 2 Fig. 8.
9. — decoratum Mstr. (3) 3 Fig. 9.

f. Aus der Kreideformation:

10. Dentalium Mosae Bronn (3) 3 Fig. 10.
11. — tricostatum Gf. (3) 3 Fig. 11.
12. — sexcarinatum (4) 3 Fig. 12.

g. Aus der Tertiärformation:

13. Dentalium geminatum Gf. (4) 4 Fig. 13.

Patella Lamck.

a. Aus der Grauwackenformation:

1. Patella speciosa Mstr. (4) 4 Fig. 14.
2. — discoidea Mstr. (4) 4 Fig. 15. — *Patella disciformis* Gr. Münster, Beitr. z. Petrefk. III. 81. Taf. 49. Fig. 23.

3. *Patella subradiata* Mstr. (5) 4 Fig. 16.
 4. — *laevigata* Mstr. (5) 5 Fig. 17.

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5. *Patella elliptica* Mstr. (5) 5 Fig. 1.
 6. — *Saturni* Gf. (5) 5 Fig. 2.
 7. — *Neptuni* Gf. (5) 5 Fig. 3.
 8. — *primigenia* Sehloth. (6) 5 Fig. 4.
 9. — *antiqua* Sehloth. (6) 6 Fig. 5.

b. Aus dem Muschelkalk:

10. *Patella subannulata* Mstr. (6) 6 Fig. 6.

c. Aus dem Lias:

11. *Patella rugosa* Mstr. (6) 6 Fig. 7.
 12. — *papyracea* Gf. (7) 6 Fig. 8.

— *Tylodina papyracea* Bronn, Lethaea geogn. IV. 285. Taf. 27. Fig. 7.
Helcion papyracea d'Orbigny, Pal. stratigr. I. 251.
Orbicula papyracea Quenstedt, Handb. Petrefk. Taf. 39. Fig. 41. — *Discina papyracea* Oppel, Würtemb. Jahreshefte 1856. XII. 386.

d. Aus der Juraformation:

13. *Patella costulata* Mstr. (6) 7 Fig. 9.
 14. — *mammillaris* Mstr. (7) 7 Fig. 10.
 15. — *eingulata* Mstr. (7) 7 Fig. 11.

— *Pileolus plicatus* Sowerby, Mineral. Conchol. Tb. 432. Fig. 1 — 4. —
 Morris and Lycett, Mollusca Great Oolite I. 60. Tb. 9. Fig. 36.
 ? *Pileolus laevis* Sowerby, Mineral Conchol. Tb. 432. Fig. 6 — 8. — Morris
 and Lycett, Mollusca Great Oolite I. 60. Tb. 9. Fig. 37.
 Morris and Lycett, Mollusca Great Oolite I. 88. Tb. 12. Fig. 4.

e. Aus der Kreideformation:

16. *Patella semistriata* Mstr. (7) 7 Fig. 12.

Reuss, Versteiner. böhm. Kreidegeb. II. 110. Taf. 44. Fig. 8.

Fissurella Brong.

1. *Fissurella conoidea* Gf. (8) 7 Fig. 13.
 2. — *laevigata* Gf. (8) 7 Fig. 14.

Emarginula Lamek.

1. *Emarginula Goldfussi* Roem. (8) 8 Fig. 15.
 2. — *deceussata* Mstr. (9) 8 Fig. 16.

— *Rimula clathrata* Morris and Lycett, Mollusca Great Oolite I. 86. Tb. 8.
 Fig. 1.

Pileopsis Lamek.

a. Aus der Grauwackenformation:

1. *Pileopsis trigona* Gf. (9) 8 Fig. 17.
 2. — *compressa* Gf. (10) 9 Fig. 18.

Acroculia trigonia Roemer, Versteiner. Harzgeb. 26. Taf. 12. Fig. 33.
 — *Capulus compressus* Verneuil, Bullet. soc. soc. géol. France 1855. XII.
 1001. Tb. 29. Fig. 1.

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3. *Pileopsis prisea* Gf. (10) 9 Fig. 1.

— *Capulus neritoides* de Koninck, Anim. foss. carbon. Belgique 334.
 Tb. 23b. Fig. 1.

- | | | |
|-----------------------------------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4. <i>Pileopsis lineata</i> Gf. (10) 9 | Fig. 2. | |
| 5. — <i>Brauni</i> Mstr. (10) 9 | Fig. 3. | — <i>Capulus Bronni</i> Gr. Münster, Beitr. z. Petrefk. V. 121. Taf. 10. Fig. 13. |
| 6. — <i>substriata</i> Mstr. (11) 10 | Fig. 4. | — <i>Nerita ampliata</i> de Koninck, Anim. foss. carbon. Belgique 485. Tb. 42. Fig. 2. |
| b. Aus dem Kohlenkalk: | | |
| 7. <i>Pileopsis ampliata</i> Gf. (11) 10 | Fig. 5. | Cf. Fig. 4. |
| 8. — <i>triloba</i> Phill. (11) 10 | Fig. 6. | — <i>Capulus vetustus</i> de Koninck, Anim. foss. carbon. Belgique 332. Tb. 22. Fig. 7. Tb. 23 ¹ . Fig. 2. |
| 9. — <i>quadriloba</i> Gf. (11) 10 | Fig. 7. | — <i>Capulus vetustus</i> cf. Fig. 6. |
| c. Aus dem Lias: | | |
| 10. <i>Pileopsis reticulata</i> Mstr. (11) 10 | Fig. 8. | |
| 11. — <i>rugosa</i> Mstr. (12) 11 | Fig. 9. | |
| d. Aus der Juraformation: | | |
| 12. <i>Pileopsis pustulosa</i> Mstr. (12) 11 | Fig. 10. | — <i>Capulus pustulosus</i> Gr. Münster, Beitr. z. Petrefk. IV. 93. Taf. 9. Fig. 12. |
| 13. — <i>jurensis</i> Mstr. (12) 11 | Fig. 11. | — <i>Nerita jurensis</i> Roemer, Versteiner. nordd. Oolithgeb. Taf. 10. Fig. 5. — Quenstedt. Jura 625. Taf. 77. Fig. 19. 20. Delphinula jurensis Bronn. |
| e. Aus der Kreideformation: | | |
| 14. <i>Pileopsis elongata</i> Mstr. (12) 11 | Fig. 12. | — <i>Capulus elongatus</i> Geinitz, Quadersandsteingeb. 142. |
| 15. — <i>arquata</i> Mstr. (12) 11 | Fig. 13. | |
| Sigaretus Lamck. | | |
| 1. <i>Sigaretus furcatus</i> (13) 12 | Fig. 14. | |
| 2. — <i>rugosus</i> Gf. (13) 12 | Fig. 15. | |
| 3. — <i>carinatus</i> Mstr. (13) 12 | Fig. 16. | |
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<i>Tafel</i> 169. | | |
| Voluta Lamck. | | |
| 1. <i>Voluta deperdita</i> Gf. (14) 12 | Fig. 1. | Binkhorst, Gasterop. Cephalop. dela craie super. Limbourg 13. Tb. 2. Fig. 7. Tb. 5 a. Fig. 1. |
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Conus Lin. | | |
| 1. <i>Conus semicostatus</i> Mstr. (14) 13 | Fig. 2. | |
|
Strombus Lamck. | | |
| 1. <i>Strombus giganteus</i> Mstr. (14) 13 | Fig. 3. | |
|
Pterocera Lamck. | | |
| 1. <i>Pterocera Oceani</i> Brong. (15) 13 | Fig. 4. | Thurmann und Etallon, neue schweiz. Denkschriften XVIII. 133. Taf. 12. Fig. 110. |
| | Fig. 4 a. | <i>Pterocera ponti</i> Thurmann u. Etallon, neue schweiz. Denkschriften XVIII. 133. Taf. 12. Fig. 112. |
| | | <i>Pterocera sexcostata</i> Deslongchamps, Mém. soc. Linn. Normandie VII. 164. Tb. 9. Fig. 8. |

2. *Pterocera conica* Mstr. (15) 13 Fig. 5.**Rostellaria** Lamck.

a. Aus dem Lias:

1. *Rostellaria gracilis* Mstr. (15) 14 Fig. 6.2. — *subpunctata* Mstr. (16) 14 Fig. 7.3. — *semicarinata* Mstr. (16) 14 Fig. 8.4. — *tenuistria* Mstr. (16) 14 Fig. 9.5. — *nodosa* Mstr. (16) 15 Fig. 10.

Quenstedt, Jura 314. Taf. 43. Fig. 23—26.

Alaria subpunctata Oppel, Würtemb. Jahreshefte 1856. XII. 508.*Pterocera subpunctata* d'Orbigny, Pal. stratigr.*Spinigera semicarinata* Oppel, Würtemb. Jahreshefte 1857. XIII. 264.

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b. Aus der Juraformation:

6. *Rostellaria bicarinata* Mstr. (16) 15 Fig. 1.7. — *spinosa* Mstr. (17) 15 Fig. 2.

c. Aus der Kreideformation:

8. *Rostellaria ovata* Mstr. (17) 15 Fig. 3.9. — *Buchi* Mstr. (17) 16 Fig. 4.10. — *vespertilio* Gf. (17) 16 Fig. 5.11. — *stenoptera* Gf. (18) 16 Fig. 6.12. — *striata* Gf. (18) 16 Fig. 7.13. — *papilionacea* Gf. (18) 17 Fig. 8.14. — *costata* Sow. (18) 17 Fig. 9.

Quenstedt, Jura 580. Taf. 73. Fig. 36. 37; 599. Taf. 74. Fig. 24.

Alaria trifida Morris and Lycett, Mollusca Great Oolite I. 21. Tb. 3. Fig. 11.*Rostellaria bispinosa* Phillips, Geology New-York I. Tb. 4. Fig. 32.*Rostellaria armigera* Audree, geolog. Zeitschrift 1860. XII. 518. Taf. 13. Fig. 4.*Chenopus spinosus* Gr. Münster, Beitr. z. Petrefk. I. 100. Taf. 12. Fig. 2.*Strombus ovatus* Geinitz, Quadersandsteingeb. 136. — Kner, Haidingers naturwiss. Abhandlgn. IIIb. 20.

Geinitz, Character. sächs. Kreidegeb. 70. Taf. 18. Fig. 4. 6.

Rostellaria divaricata Reuss, Versteiner. böhm. Kreidegeb. I. 46. Taf. 7. Fig. 23. Taf. 9. Fig. 2.— *Rostellaria anserina* Nilson, Petrific. suecana 13. Tb. 3. Fig. 6. — Versteiner. böhm. Kreidegeb. II. 111. Taf. 45. Fig. 19.— *Rostellaria calcarata* Sowerby, Mineral Conchol. Tb. 349. Fig. 6. 7. — d'Orbigny, Terr. crétac. II. 285. Tb. 207. Fig. 3. 4. — Reuss, Verstein. böhm. Kreidegeb. I. 45. Taf. 9. Fig. 5.*Rostellaria composita* Leymerie, Mém. soc. géol. France 1842. V. 31.

Reuss, Versteiner. böhm. Kreidegeb. I. 44. Taf. 9. Fig. 6. — Binkhorst, Gasterop. eräie super. Limbourg 1. Tb. 1. Fig. 11.

Rostellaria Schlotheimi Roemer.Zekeli, Gasteropoden Gosaugeb. 65. Taf. 12. Fig. 1. — *Rostellaria Partschi* Zekeli I. c. 69. Taf. 13. Fig. 1.*Alaria costata* Stoliczka, Wiener Sitzungsberichte LI. 66.**Pleurotoma** Lamck.

a. Aus der Kreideformation:

1. *Pleurotoma induta* Gf. (19) 17 Fig. 10.2. — *semiplicata* Mstr. (19) 18 Fig. 11.3. — *suturalis* Gf. (19) 18 Fig. 12.4. — *semilineata* Mstr. (19) 18 Fig. 13.*Voluta induta* Geinitz, Quadersandsteingeb. 138.*Fusus indultus* v. Strombeck, geolog. Zeitschrift 1863. XV. 142.*Pleurotoma Roemeri* Reuss, Versteiner. böhm. Kreidegeb. Taf. 9. Fig. 10.*Voluta semiplicata* Geinitz, Quadersandsteingeb. 138.*Voluta semiplicata* Geinitz, Quadersandsteingeb. 138.*Voluta semilineata* Geinitz, Quadersandsteingeb. 138.

Tafel 171.

b. Aus der Tertiärformation:

5. *Pleurotoma angulata* Mstr. (20) 18 Fig. 1.
 6. — *belgica* Mstr. (20) 18 Fig. 2. Sandberger, Mainzer Tertiärbecken 233. Taf. 15. Fig. 10. — Speyer, geolog. Zeitschrift 1860. XII. 489.
 7. — *subcanaliculata* Mstr. (20) 19 Fig. 3. *Pleurotoma canaliferum* Merian in Walchners Geognosie 2. Aufl. 1131.
 8. — *polita* Mstr. (20) 19 Fig. 4. — *Pleurotoma semimarginata* Lamarck, Anim. s. vert. VII. 96. — Hoernes, Mollusken Wien I. 347. Taf. 38. Fig. 7. 8. — Bellardi, Monogr. Pleurotoma. Pleurotoma Borsoni Basterot, Mem. environs de Bordeaux 64. Tb. 3. Fig. 2. *Fusus tornatus* Borson.
 9. — *granulaticincta* Mstr. (20) 19 Fig. 5.
 10. — *tuberculosa* Bast. (20) 19 Fig. 6. — *Pleurotoma asperulata* Lamarck, An. s. vert. VII. 97. — Hoernes, Moll. Wien I. 341. Taf. 37. Fig. 1—5.
 11. — *flexuosa* Mstr. (21) 19 Fig. 7. *Pleurotoma spinosa* Grateloup, Atlas Conch. del' Adour Tb. 19. Fig. 24. 25.
 12. — *coronata* Mstr. (21) 20 Fig. 8. *Pleurotoma denudata* Sowerby, Quarterl. Journ. geol. soc. VIII. 421. Tb. 20. Fig. 29.
 13. — *subdentata* Mstr. (21) 20 Fig. 9. *Pleurotoma laevigata* Eichwald, Lethaea rossica 183. Tb. 8. Fig. 3.
 14. — *subdenticulata* Mstr. (21) 20 Fig. 10. *Pleurotoma Duchasteli* Nyst, Coq. foss. Hoesselt 31. Tb. 1. Fig. 8. — *Pleurotoma acuminata* Nyst, Coq. foss. tert. Belgique 519. Tb. 14. Fig. 1.
 15. — *dorsata* Mstr. (22) 20 Fig. 11. Sandberger, Mainzer Tertiärbecken 237. Taf. 15. Fig. 13.
 16. — *cingulata* Mstr. (23) 21 Fig. 12. Hoernes, Moll. Wien I. 355.
Pleurotoma monilis DeFrance, Dict. sc. nat. XLI. 391.
Murex monilis Brocchi, Conch. subap. 432. Tb. 8. Fig. 15.
Pleurotoma rotata Borson. Bellardi, Monogr. Pleurotoma.
Murex rotatus Brocchi, Conch. subap. 434. Tb. 9. Fig. 11.
Sandberger, Mainzer Tertiärbecken 239. Taf. 16. Fig. 9.
Pleurotoma crenata Nyst, Coq. foss. tert. Belgique 512. Tb. 13. Fig. 7.

Fusus Lamck.

a. Aus der Juraformation:

1. *Fusus Roemeri* Mstr. (22) 21 Fig. 13.
 2. — *jurensis* Mstr. (23) 21 Fig. 14.
 3. — *comma* Mstr. (23) 21 Fig. 15.

b. Aus der Kreideformation:

4. *Fusus propinquus* Mstr. (23) 21 Fig. 16.
 5. — *Proserpinae* Mstr. (23) 22 Fig. 17.
 6. — *costatostriatus* Mstr. (23) 22 Fig. 18.
 7. — *amictus* Gf. (24) 22 Fig. 19.
 8. — *Nereidis* Mstr. (24) 22 Fig. 20. Zekeli, Gasteropoden Gosaugeb. 89. Taf. 16. Fig. 4.

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Murchisonia Arch.

a. Aus dem Grauwackenkalk:

1. *Murchisonia lineata* Gf. (24) 23 Fig. 1. — *Murchisonia turbinata* Bronn, Lethaea geogn. I. 461. Taf. 3¹. Fig. 16.
Pleurotomaria bilineata Sandberger, Versteiner. rhein. Schichtsys. Nassau 204. Taf. 24. Fig. 17.
Murchisonia intermedia, *coronata*, *binodosa*, *angulata* cf. Fig. 2—5.

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|---------------------------------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 2. Murchisonia intermedia Gf. (25) 23 | Fig. 2. | — <i>Murchisonia turbinata</i> cf. Nr. 1. |
| 3. — coronata Gf. (25) 23 | Fig. 3. | — <i>Murchisonia turbinata</i> cf. Nr. 1. |
| 4. — binodosa AV. (25) 24 | Fig. 4. | — ? <i>Murchisonia turbinata</i> cf. Nr. 1. |
| 5. — angulata AV. (25) 24 | Fig. 5. | — ? <i>Murchisonia turbinata</i> cf. Nr. 1.
Pleurotomaria angulata Sandberger, Versteiner. rhein. Schichtsys. Nassau
204. Taf. 24. Fig. 19. |

b. Aus dem Kohlenkalke:

- | | |
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| 6. Murchisonia spirata Gf. (26) 24 | Fig. 6. |
| 7. — Josepha Kon. (26) 24 | Fig. 7. |
| 8. — trilineata Gf. (26) 25 | Fig. 8. |
| 9. — plicata Gf. (26) 25 | Fig. 9. |

Pyrula Lamck.

- | | | |
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| 1. Pyrula minima Gf. (27) 25 | Fig. 10. | |
| 2. — carinata Mstr. (27) 25 | Fig. 11 a. | — <i>Fusus carinatus</i> Geinitz, Quadersandsteingeb. 140. — v. Strombeck, geol. Zeitschrift 1863. XV. 142. |
| 3. — depressa Mstr. (27) 26 | Fig. 12. | <i>Fusus depressus</i> Geinitz, Quadersandsteingeb. 140. |
| 4. — Cottae Roem. (27) 26 | Fig. 13. | — <i>Pyrula quadrata</i> .
<i>Murex quadratus</i> Sowerby, Min. Conchol. V. 7. Tb. 410. Fig. 1.
<i>Fusus quadratus</i> Geinitz, Quadersandsteingeb. 140. |

Murex Lamck.

- | | | |
|-----------------------------------|----------|----------------------------------------------------------------------|
| 1. Murex fusiformis Mstr. (28) 26 | Fig. 14. | — <i>Fusus Münsteranus</i> d'Orb. Etallon, Etudes pal. Haut Jura 67. |
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Buccinum Lamck.

a. Aus der Grauwackenformation:

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|---------------------------------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Buccinum arcuatum Schloth. (28) 27 | Fig. 15. | — <i>Macrocheilus arcuatus</i> Phillips, Palaeoz. foss. 139. Tb. 60. Fig. 194. — Bronn, Lethaea geogn. I. 451. Taf. 3 ¹ . Fig. 14. |
|---------------------------------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------|

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- | | | |
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| 2. Buccinum Oceani Gf. (29) 28 | Fig. 1. | — <i>Macrocheilos Oceani</i> . |
|--------------------------------|---------|--------------------------------|

b. Aus dem Lias:

- | | |
|-----------------------------------|---------|
| 3. Buccinum nodosum Mstr. (29) 26 | Fig. 2. |
|-----------------------------------|---------|

c. Aus der Juraformation:

- | | |
|------------------------------------|---------|
| 4. Buccinum antiquum Mstr. (30) 28 | Fig. 3. |
|------------------------------------|---------|

d. Aus der Kreideformation:

- | | |
|------------------------------------|---------|
| 5. Buccinum costatum Mstr. (30) 28 | Fig. 4. |
| 6. — bicarinatum Mstr. (30) 28 | Fig. 5. |

Potamides Brongn.

- | | | |
|----------------------------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Potamides carbonarius Roem. (30) 29 | Fig. 6. | — <i>Melania strombiformis</i> Dunker, Wealdenform. 50. Taf. 10. Fig. 17—19.
<i>Melanopsis tricarinata</i> Sowerby, Fitton Observations S. E. England 346.
Tb. 22. Fig. 4. |
|----------------------------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Cerithium Brongn.

a. Aus dem Lias:

1. *Cerithium armatum* Gf. (31) 29 Fig. 7. Bronn, Lethaea geogn. IV. 305. Taf. 21. Fig. 24. — Quenstedt, Jura 315. Taf. 43. Fig. 22.
 2. — *costellatum* Mstr. (31) 30 Fig. 8. Turritella echinata Buch, Petrif. remarq. 13. Tb. 7. Fig. 1.
Cerithium echinatum Roemer, Versteiner. nordd. Oolithgeb. 141.
 3. — *triarmatum* Mstr. (32) 30 Fig. 9. *Cerithium pupaeforme* Koch und Dunker, Beiträge Oolithgeb. 33. Taf. 2. Fig. 10.

b. Aus der Juraformation:

4. *Cerithium granulatocostatum* Mstr. (32) 30 Fig. 10.
 5. — *quadricinctum* Mstr. (32) 30 Fig. 11. Morris and Lycett, Mollusca Great Oolite I. 29. Tb. 9. Fig. 8.
 6. — *muricatocostatum* Mstr. (32) 30 Fig. 12. Oppel, Würtemb. Jahreshefte 1856. XII. 510.
 7. — *nodosocostatum* Mstr. (32) 31 Fig. 13.
 8. — *comma* Mstr. (33) 31 Fig. 14.
 9. — *flexuosum* Mstr. (33) 31 Fig. 15.
 10. — *concavum* Mstr. (33) 31 Fig. 16. Alaria concava Oppel, Würtemb. Jahreshefte 1856. XII. 509.
 11. — *liniiforme* Roem. (33) 31 Fig. 17. Morris and Lycett, Mollusca Great Oolite I. 30. Tb. 7. Fig. 2. — Thurmann u. Etallon, neue schweiz. Denkschriften XVIII. 140. Taf. 13. Fig. 124.
 12. — *septemplicatum* Roem. (33) 32 Fig. 18.

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13. *Cerithium carbonarium* Gf. (34) 32 Fig. 1. — *Melania attenuata* Dunker, Wealdenform. 52. Taf. 10. Fig. 20.

c. Aus der Kreideformation:

14. *Cerithium Decheni* Mstr. (34) 32 Fig. 2.
 15. — *Nerei* Mstr. (34) 33 Fig. 3. v. Strombeck, geolog. Zeitschrift 1863. XV. 143.
 16. — *imbricatum* Mstr. (34) 32 Fig. 4. *Cerithium Goldfussi* Geinitz, Quadersandsteingeb. 142.
 17. — *belgicum* Mstr. (34) 33 Fig. 5.
 18. — *crenatum* Brocch. (35) 33 Fig. 6. — *Cerithium pustulosum* cf. Fig. 8.
 19. — *conicum* Gf. (35) 33 Fig. 7. — *Omphalia conica* Zekeli, Gasteropoden Gosaugeb. 26. Taf. 2. Fig. 1.
Turritella Requienana d'Orbigny, Terr. crétac. II. 43. Tb. 152. Fig. 5. 6.
Cerithium conoideum Sowerby, Transact. geol. soc. London 2. ser. III. 418. Tb. 39. Fig. 18.
 20. — *pustulosum* Sow. (35) 33 Fig. 8. d'Orbigny, Terr. crétac. II. 381. Tb. 233. Fig. 4. — Zekeli, Gasteropoden Gosaugeb. 100. Taf. 19. Fig. 4. 5.
Cerithium reticosum Stoliczka, Wiener Sitzungsberichte LII. 97.
Cerithium cognatum, *distinctum*, *Goldfussi*, *cribriforme*, *annulatum*, *lucidum*, *daedalum* Zekeli, Gasteropoden Gosau 98. Taf. 18. Fig. 18. 19. 22.
Cerithium crenatum cf. Fig. 6.
 21. — *disjunctum* Sow. (35) 33 Fig. 9. *Cerithium furcatum* Zekeli, Gasteropoden Gosaugeb. 97. Taf. 18. Fig. 4. 5.
 — Stoliczka, Wiener Sitzungsberichte LII. 93.
Cerithium acuminatum, *torquatum*, *exiguum*, *cingulatum*, *affine*, *sejunctum*, *trifidum* Zekeli, Gasteropoden Gosau Taf. 17. 18.
 22. — *suffarcinatum* Mstr. (36) 34 Fig. 10. — *Omphalia Kefersteini* cf. Fig. 11.
 23. — *Kefersteini* Gf. (36) 34 Fig. 11. — *Omphalia Kefersteini* Zekeli, Gasteropoden Gosaugeb. 27. Taf. 2. Fig. 3.
Omphalia Coquandana u. *ventricosa*, *suffarcinata* Zekeli, Gasteropoden Gosaugeb. 27. 30. Taf. 2. Fig. 2. Taf. 3. Fig. 4. 5.
 24. — *Hoeninghausi* Gf. (36) 34 Fig. 12. Zekeli, Gasteropoden Gosau 96. Taf. 18. Fig. 1. 2. — Stoliczka, Wiener Sitzungsberichte LII. 96.

25. *Cerithium millegranum* Mstr. (36) 34
Fig. 13.

Zekeli, Gasteropoden Gosaugeb. 106. Taf. 21. Fig. 4. 5. — Stoliczka, Wiener Sitzungsberichte LII. 102.
Cerithium nitidum und *Tritonium erebriforme* Zekeli, Gasteropoden Gosau 82. 103. Taf. 15. Fig. 2. Taf. 20. Fig. 5.

d. Aus der Tertiärformation:

26. *Cerithium Münsteri* Gf. (36) 35 Fig. 14.

Zekeli, Gasteropoden Gosaugeb. 105. Taf. 21. Fig. 1. 3. — Stoliczka, Wiener Sitzungsberichte LII. 101.
Cerithium frequens, *solidum*, *interjectum*, *complanatum*, *breve*, *rotundatum* Zekeli, Gasteropoden Gosaugeb. 105. Taf. 20. 21.

27. — *plicatum* Lamck. (37) 35 Fig. 15.

— *Cerithium lima* Deshayes, Coq. foss. Paris II. 362. Tb. 54. Fig. 13—15.
Cerithium varicosum Nyst, Coq. tert. Belgique 540. Tb. 14. Fig. 40.
Sandberger, Mainzer Tertiärbecken 113. Taf. 9. Fig. 12

28. — *cinctum* Brongn. (37) 35 Fig. 16.

Cerithium plicatum Brong. Sandberger, Mainzer Tertiärbecken 96. Taf. 9.

Tafel 175.

29. *Cerithium margaritaceum* Broech. (38) 36
Fig. 1 a. b.

Hoernes, Mollusken Wien I. 404. Taf. 42. Fig. 9. — Sandberger, Mainzer Tertiärbecken 105. Taf. 7. Fig. 2. 3.
Cerithium Serresi d'Orbigny, Pal. stratigr. III. 81.

30. — *varicosum* Broech. (39) 37 Fig. 2.

— *Cerithium subvaricosum* Braun. Sandberger, Mainzer Tertiärbecken 111. Taf. 10. Fig. 2.

31. — *laevissimum* Schloth. (39) 37 Fig. 3.

Sandberger, Mainzer Tertiärbecken 100. Taf. 9. Fig. 8.

Nerinea Defr.

a. Aus der Juraformation:

1. *Nerinea Mandelslohi* Bronn (39) 38 Fig. 4.

Quenstedt, Jura 767. Taf. 94. Fig. 14. 15. — d'Orbigny, Terr. jurass. II. 105. Tb. 260.

2. — *Bruntrutana* Thurm. (40) 38 Fig. 5.

Nerinea fragilis Pusch, Pol. Palaeontol. Tb. 10. Fig. 16.

Fig. 5 a.

Bronn, Lethaea geogn. IV. 299. Taf. 21. Fig. 13. — d'Orbigny, Terr. jurass. II. 154. Tb. 283. Fig. 4. 5. — Credner, Gliederung der oberen Juraformation 180. Taf. 6. Fig. 15.

Nerinea triplicata Pusch, Pol. Palaeont. 113. Taf. 10. Fig. 16.

Nerinea carpathica Thurmann u. Etallon, neue schweiz. Denkschriften XVIII. 95. Taf. 7. Fig. 40.

Nerinea Mandelslohi Credner, Gliederung der oberen Juraformation 177. Taf. 5. Fig. 14.

Ptygmatis Bruntrutana Sharpe, Quart. journ. geol. London 1850. VI. 107.

3. — *subteres* Mstr. (40) 38 Fig. 6.

4. — *subpyramidalis* Mstr. (40) 38 Fig. 7.

— *Nerinea depressa* Quenstedt, Jura 765. Taf. 94. Fig. 1. 2. — Etallon, Etudes pal. Haut Jura II. 27.
d'Orbigny, Terr. jurass. II. 148. Tb. 279.

5. — *grandis* Mstr. (40) 39 Fig. 8.

? *Trochalia grandis* Sharpe, Quart. journ. geol. London 1850. VI. 108.

6. — *Gosae* Roem. (41) 39 Fig. 9.

Bronn, Lethaea geogn. IV. 298. Taf. 21. Fig. 11. — Quenstedt, Jura 768. Taf. 94. Fig. 16. — Credner, Gliederung der obern Juraformation 160. Taf. 1. Fig. 2.

Herm. Credner, geolog. Zeitschrift 1864. XVI. 221.

7. — *suprajurensis* Voltz. (41) 39 Fig. 10.

Bronn, Lethaea geogn. IV. 297. Taf. 21. Fig. 12. — Quenstedt, Jura 768. Taf. 94. Fig. 17.

Nerinea Bruckneri Thurmann, Porrentrue. 12.

Nerinea castor d'Orbigny, Terr. jurass. II. 109. Tb. 262. Fig. 3. 4. — Peters, Wiener Sitzungsberichte 1855. XVI. 355. Taf. 2. Fig. 17.

Nerinea Goodhalli Sowerby, Transact. geol. soc. London 2 serie IV. Tb. 23. Fig. 12.

8. — *constricta* Roem. (41) 39 Fig. 11.

9. — *subscalaris* Mstr. (41) 40 Fig. 12.

Nerinea punctata Quenstedt, Jura 767. Taf. 94. Fig. 7—9.

10. — *terebra* Schübl. (42) 40 Fig. 13.

Nerinea suevica Quenstedt, Jura 767. Taf. 94. Fig. 10.

11. — *subcochlearis* Mstr. (42) 40 Fig. 14.

Quenstedt, Jura 769. Taf. 94. Fig. 24.

Tafel 176.

12. *Nerinea tricincta* Mstr. (42) 40 Fig. 1. ? *Cerithium*.
 13. — *quincecincta* Mstr. (42) 41 Fig. 2. ? *Cerithium*.
 14. — *teres* Mstr. (43) 41 Fig. 3. Quenstedt, Jura 769. Taf. 94. Fig. 29. 30.
 15. — *quadricincta* Mstr. (43) 41 Fig. 4.
 16. — *turritella* Gf. (43) 41 Fig. 5. Quenstedt, Jura 769. Taf. 94. Fig. 19.
 17. — *Roemeri* Phil. (43) 41 Fig. 5 b. c. d. ? *Cerithium*.
 Quenstedt, Jura 769. Taf. 94. Fig. 21—23. — Thurmann u. Etallon, neue schweiz. Denkschriften XVIII. 106. Taf. 8. Fig. 54.
Nerinea fasciata Roemer, Versteiner. nordd. Oolithgeb. 85. Taf. 11. Fig. 31.
 — Credner, Gliederung der obern Juraformation 172.
 18. — *visurgis* Roem. (44) 42 Fig. 6. d'Orbigny, Terr. jurass. II. 122. Tb. 268. Fig. 5—7. — Credner, Gliederung der obern Juraformation 163.
 19. — *sequana* Thirr. (44) 42 Fig. 7.
 20. — *nodosa* Voltz (44) 42 Fig. 8. d'Orbigny, Terr. jurass. II. 95. Tb. 252. Fig. 3—5. — Thurmann u. Etallon, neue schweiz. Denkschriften XVIII. 106. Taf. 8. Fig. 53. — Credner, Gliederung der obern Juraformation 176.
Nerinea calypso d'Orbigny, Terr. jurass. II. 136. Tb. 274. Fig. 4—6.

b. Aus der Kreideformation:

21. *Nerinea nobilis* Mstr. (44) 43 Fig. 9. Stoliczka, Wiener Sitzungsberichte LII. 26. — Zekeli, Gasteropoden Gosaugeb. 33. Taf. 4. Fig. 1. 2. — Sharpe, Quart. journ. geolog. London 1849. VI. 111.
Nerinea turritellaris Zekeli, Gasteropoden Gosau 35. Taf. 4. Fig. 6.
Nerinea ampla cf. Nr. 22.
 22. — *ampla* Mstr. (45) 43 Fig. 10. *Nerinea nobilis* cf. Nr. 9.
 23. — *pyramidalis* Mstr. (45) 43 Fig. 11. Credner, Gliederung der obern Juraformation 158. Taf. 1. Fig. 1.—Peters, Wiener Sitzungsberichte 1855. XVI. 361. Taf. 4. Fig. 1—3.
Nerinea depressa Zechner, Haidingers naturwiss. Abhandlgn. III a. 137. Taf. 16. Fig. 1—4.
 24. — *cincta* Mstr. (45) 43 Fig. 12. — *Nerinea incavata* cf. Taf. 177. Fig. 1.

Tafel 177.

25. *Nerinea incavata* Bronn (45) 43 Fig. 1. Stoliczka, Wiener Sitzungsberichte LII. 31. — Zekeli, Gasteropoden Gosaugeb. 36. Taf. 5. Fig. 3.
Nerinea cincta cf. Nr. 24. — Zekeli, Gasteropoden Gosaugeb. 36. Taf. 5. Fig. 1.
 26. — *crenata* Mstr. (46) 44 Fig. 2. Stoliczka, Wiener Sitzungsberichte LII. 29.
Nerinea Bouei Zekeli, Gasteropoden Gosaugeb. 35. Taf. 4. Fig. 7.
 27. — *turritellaris* Mstr. (46) 44 Fig. 3. ? *Cerithium*.
 Zekeli, Gasteropoden Gosaugeb. 35. Taf. 4. Fig. 6.
 28. — *Bronni* Mstr. (46) 44 Fig. 4. — *Nerinea bicincta* cf. Fig. 5.
 29. — *bicincta* Bronn (46) 44 Fig. 5. Reuss, Versteiner. böhm. Kreidegeb. II. 113. Taf. 44. Fig. 5.
Nerinea Borsoni Roemer, Versteiner. nordd. Oolithgeb. 78.
Nerinea Buchi Stoliczka, Wiener Sitzungsberichte LII. 27. — Zekeli, Gasteropoden Gosaugeb. 34. Taf. 4. Fig. 3—5.
Nerinea Bronni cf. Nr. 28.
 30. — *granulata* Mstr. (47) 45 Fig. 6. Zekeli, Gasteropoden Gosaugeb. 38. Taf. 5. Fig. 6.
 31. — *flexuosa* Sow. (47) 45 Fig. 7. Zekeli, Gasteropoden Gosaugeb. 38. Taf. 5. Fig. 5.
 32. — *Geinitzi* Gf. (47) 45 Fig. 8. Geinitz, Quadersandsteingeb. 126. Taf. 9. Fig. 1. 2.
Nerinea Borsoni Roemer, Versteiner. nordd. Kreidegeb. 78. Taf. 11. Fig. 8.

Tornatella Lamck.

1. *Tornatella cincta* Mstr. (48) 46 Fig. 9.

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| 2. Tornatella Lamarecki Mstr. (48) 46 | Fig. 10. | — <i>Actaeonella gigantea</i> cf. Fig. 12. |
| 3. — conica Mstr. (48) 46 | Fig. 11. | — <i>Actaeonella conica</i> Zekeli, Gasteropoden Gosaugeb. 40. Taf. 6. Fig. 1—6.
— Stoliczka, Wiener Sitzungsberichte LII. 37. |
| 4. — gigantea Sow. (48) 46 | Fig. 12. | — <i>Actaeonella gigantea</i> Geinitz, Quadersandsteingeb. 126. — Stoliczka, Wiener Sitzungsberichte LII. 36. — Zekeli, Gasteropoden Gosaugeb. 39. Taf. 5. Fig. 8.
Tornatella Lamarecki cf. Nr. 2. — Tornatella subglobosa cf. Nr. 5.
Actaeonella Renauxana, obtusa, glandiformis Zekeli, Gasteropoden Gosaugeb. 41—43. Taf. 7. Fig. 1—5. 7. 9. |
| 5. — subglobosa Mstr. (49) 47 | Fig. 13. | — <i>Actaeonella gigantea</i> cf. Fig. 12. |
| 6. — voluta Mstr. (49) 47 | Fig. 14. | Zekeli, Gasteropoden Gosau 42. Taf. 7. Fig. 6.
? Jugend von A. conica Fig. 11. Stoliczka, Wiener Sitzungsberichte LII. 37. |

Tafel 178.

Trochus Lin.

a. Aus dem Grauwackengebirge:

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| 1. Trochus exaltatus Gf. (49) 47 | Fig. 1. | |
| 2. — angulosus Gf. (50) 47 | Fig. 2. | |
| 3. — quinquecinctus Gf. (50) 48 | Fig. 3. | |
| 4. — ellipticus His. (50) 48 | Fig. 4. | Turbo antiquissimus Eichwald, Urwelt Russlands II. 53. Taf. 2. Fig. 7. |
| 5. — Klipsteini Gf. (50) 48 Taf. 138. | Fig. 1. | |

b. Aus dem Kohlenkalk:

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| Turbo squamiferus AV. | Fig. 5. | |
| 6. — amictus Gf. (51) 48 | Fig. 6. | |
| Pleurotomaria gemmulifera Phill. | Fig. 7. | |
| 7. Trochus Verneuili Gf. (51) 49 | Fig. 8. | |
| 8. — Yvani Leveill. (51) 49 | Fig. 9. | — <i>Pleurotomaria Yvani</i> de Koninck, Anim. foss. carbon. Belgique 390. Tb. 37. Fig. 1. 7.
Pleurotomaria concentrica Phillips, Geol. Yorkshire II. 228. Tb. 15. Fig. 23. |
| 9. — Roemeri Gf. (51) 49 | Fig. 10. | |
| 10. — biserratus Phill. (52) 49 | Fig. 11. | de Koninck, Anim. foss. carbon. Belgique 449. Tb. 29. Fig. 3. |

c. Aus dem Muschelkalk:

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| 11. Trochus Hausmanni Gf. (52) 50 | Fig. 12. | — <i>Pleurotomaria Albertiana</i> Giebel, Versteiner. Muschelkalk Lieskau 58. Taf. 5. Fig. 6.
Trochus Albertinus v. Zieten, Versteiner. Würtemb. 91. Taf. 68. Fig. 5. —
— v. Strombeck, geolog. Zeitschrift 1849. I. 149. |
| 12. — Brauni Gf. (52) 50 | Fig. 13. | |

Tafel 179.

d. Aus dem Lias:

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| Turbo Theodori Gf. | Fig. 1. | |
| — duplicatus Gf. | Fig. 2. | — <i>Trochus duplicatus</i> Bronn, Lethaea geogn. IV. 286. Taf. 21. Fig. 3. —
Quenstedt, Jura 314. Taf. 43. Fig. 18. 19.
Turbo plicatus Fig. 3.
Turbo subduplicatus d'Orbigny, Pal. stratigr. I. 248. |
| — plicatus Gf. | Fig. 3. | — <i>Trochus duplicatus</i> cf. Fig. 2.
Turbo palinurus Oppel, Würtemb. Jahreshfte 1856. XII. 506. |
| 13. Trochus Sedgwicki Mstr. (53) 50 | Fig. 4. | — <i>Pleurotomaria Sedgwicki</i> d'Orbigny, Terr. jurass. II. 338. Tb. 328. Fig. 9—11. |

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| Turbo senator Gf. | Fig. 5. | |
| 14. Trochus Fischeri Mstr. (53) 51 | Fig. 6. | |
| 15. — Sowerbyi Mstr. (53) 51 | Fig. 7. | |
| 16. — flexuosus Mstr. (53) 51 | Fig. 8. | |
| 17. — doris Mstr. (53) 51 | Fig. 9. | |
| 18. — thetis Mstr. (54) 51 | Fig. 10. | Turbo heliciformis Quenstedt, Jura 155. Taf. 19. Fig. 23—26. |
| 19. — quadricostatus Mstr. (54) 52 | Fig. 11. | |
| 20. — glaber Koch (54) 52 | Fig. 12. | — <i>Trochus laevis</i> Bornemann, Liasformation von Göttingen 47.
Trochus Schübleri von Zieten, Versteiner. Würtemb. 46. Taf. 34. Fig. 5. |
| 21. — subsulcatus Mstr. (54) 52 | Fig. 13. | Quenstedt, Jura 194. Taf. 24. Fig. 10. |

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| 22. Trochus nudus Mstr. (54) 52 | Fig. 1. | |
| e. Aus der Juraformation: | | |
| 23. Trochus biarmatus Mstr. (55) 52 | Fig. 2. | d'Orbigny, Terr. jurass. II. 271. Tb. 319. Fig. 1—4.
Trochus monilitectus Oppel, Würtemb. Jahreshfte 1856. XII. 505. |
| 24. — anceus Mstr. (55) 52 | Fig. 3. | Morris and Lycett, Mollusca Great Oolite I. 63. Tb. 10 Fig. 7. |
| 25. — anaglypticus Mstr. (55) 53 | Fig. 4. | Turbo Phillipsi Morris and Lycett l. c. |
| 26. — Philippii Mstr. (55) 53 | Fig. 5. | |
| 27. — Metis Mstr. (56) 53 | Fig. 6. | |
| 28. — angulatus Mstr. (56) 53 | Fig. 7. | |
| 29. — acutecarinatus Mstr. (56) 54 | Fig. 8. | Pleurotomaria suprajurensis Quenstedt, Jura 623. Taf. 77. Fig. 13. |
| 30. — sublineatus Mstr. (56) 54 | Fig. 9. | Quenstedt, Jura 624. Taf. 77. Fig. 16. |
| 31. — speciosus Mstr. (56) 54 | Fig. 10. | |
| 32. — cinctus Mstr. (57) 54 | Fig. 11. | — <i>Pleurotomaria cincta</i> d'Orbigny, Terr. jurass. II. 560. Tb. 420. |
| 33. — jurensis Hartm. (57) 54 | Fig. 12. | — <i>Pleurotomaria jurensis</i> d'Orbigny, Terr. jurass. II. 570. Tb. 424. Fig. 4—6. |

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| Trochus Klipsteini Gf. | Fig. 1. | |
| 34. Trochus acquilineatus Mstr. (57) 55 | Fig. 2. | Quenstedt, Jura 773. Taf. 95. Fig. 13. |
| 35. — angulatoplicata Mstr. (57) 55 | Fig. 3. | Thurmann und Etallon, neue schweiz. Denkschriften XVIII. 122. Taf. 10.
Fig. 87. — Etallon, Etudes pal. Haut Jura II. 53.
Trochus monilifer Quenstedt, Jura 773. Taf. 95. Fig. 11. 12.
Trochus daedalus d'Orbigny, Terr. jurass. II. 295. Tb. 319. Fig. 1—5.
Trochus echinulatus u. aequalis Buvignier, Statist. géol. Meuse 38. Tb. 26.
Fig. 7. 8. Tb. 25. Fig. 33. 34. |
| 36. — binodosus Mstr. (58) 55 | Fig. 4. | |
| 37. — cancellatus Mstr. (58) 55 | Fig. 5. | |
| f. Aus der Kreideformation: | | |
| 38. Trochus Nilsoni Mstr. (58) 55 | Fig. 6. | |
| 39. — Basteroti Brongn. (58) 56 | Fig. 7. | Trochus armatus v. Strombeck, geolog. Zeitschrift 1863. XV. 141. |
| 40. — costellifer Mstr. (58) 56 | Fig. 8. | |

41. *Trochus Bronni* Mstr. (59) 56 Fig. 9.
 42. — *onustus* Nils. (59) 56 Fig. 10. *Phorus onustus* Geinitz, Quadersandsteingeb. 132.
 43. — *plicatocarinatus* Gf. (59) 56 Fig. 11. v. Strombeck, geolog. Zeitschrift 1863. XV. 141. — Kner, Haidingers naturwiss. Abhandlg. IIIb. 16. Taf. 3. Fig. 6, 7.
 44. — *tuberculatocinctus* Gf. (60) 57 Fig. 12. *Delphinula coronata* u. *D. tricarinata* Roemer, Versteiner. nordd. Kreidegeb. 81. Taf. 12. Fig. 2, 3, 6.
 45. — *laevis* Nils. (60) 57 Fig. 13. *Trochus laevis* Fig. 13.
 — *Trochus tuberculatocinctus* cf. Nr. 44.

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46. *Trochus Buchi* Gf. (60) 57 Fig. 1. Dubois, Coq. tert. Volhyn. 39. Tb. 3. Fig. 9—11.
 47. — *alternans* Mstr. (60) 57 Fig. 2. *Trochus Puschii* Andrejowskiy, Bullet. natur. Moscou. 1830. II. 99. Tb. 5. Fig. 1.
 48. — *plicatogranulosus* Mstr. (60) 58 Fig. 3. Zekeli, Gasteropoden Gosau. 50. Taf. 9. Fig. 2. — Stoliczka, Wiener Sitzungsberichte LII. 51.

Pleurotomaria DeFr.

a. Aus der Grauwackenformation:

1. *Pleurotomaria striata* (61) 58 Fig. 4. — *Pleurotomaria daleidensis* F. Roemer, rhein. Uebergangsgeb. 80. Taf. 2. Fig. 7.
Pleurotomaria crenatostriata Sandberger, Versteiner. rhein. Schichtsys. Nassau 188. Taf. 23. Fig. 2.
 2. — *caelata* Gf. (61) 58 Fig. 5.
 3. — *tricincta* Gf. (62) 59 Fig. 6.
 4. — *quadriceincta* Gf. (62) 59 Fig. 7. — *Pleurotomaria Defrancei* cf. Nr. 12.
 5. — *Beaumonti* AV. (62) 59 Fig. 8. — *Pleurotomaria Orbignyana* cf. Nr. 17.
 6. *Pleurotomaria marginata* Gf. Taf. 183. Fig. 8.
 7. — *elliptica* Mstr. Fig. 9.
 8. — *Murchisoni* Gf. (62) 59 Taf. 191. Fig. 10.
 9. — *Lonsdalei* AV. (63) 60 Fig. 9. *Pleurotomaria euryomphalus* Sandberger, Versteiner. rhein. Schichtsys. Nassau 199. Taf. 24. Fig. 11.
 10. — *elegans* AV. (63) 60 Fig. 10. — *Pleurotomaria nodulosa* Sandberger, Versteiner. rhein. Schichtsys. Nassau 200. Taf. 24. Fig. 13.
 11. — *catenulata* AV. (63) 60 Fig. 11. — *Pleurotomaria subclathrata* Sandberger, Versteiner. rhein. Schichtsys. Nassau 188. Taf. 24. Fig. 10.
 12. — *Defrancei* AV. (64) 61 Fig. 12. *Pleurotomaria quadriceincta* Goldf.
Pleurotomaria quadrilineata Sandberger, Versteiner. rhein. Schichtsys. Nassau 202. Taf. 24. Fig. 15.
 13. — *taeniata* Gf. (64) 61 Fig. 13.
 14. — *subsulcata* Gf. (65) 61 Fig. 14. — *Pleurotomaria fasciata* cf. Nr. 15.

Tafel 183.

15. *Pleurotomaria fasciata* Gf. (64) 61 Fig. 1. Sandberger, Versteiner. rhein. Schichtsys. Nassau 190. Taf. 22. Fig. 16.
 16. — *lenticularis* Gf. (65) 62 Fig. 2. *Pleurotomaria costulatocanalieulata* Sandberger, Versteiner. rhein. Schichtsys. Nassau 189. Taf. 22. Fig. 3.
 17. — *Orbignyana* AV. (65) 62 Fig. 3. — *Pleurotomaria decussata* Sandberger, Versteiner. rhein. Schichtsys. Nassau 196. Taf. 24. Fig. 1—9.

18. *Pleurotomaria Bischofi* Gf. (65) 62 Fig. 4. *Pleurotomaria calculiformis* Sandberger, Versteiner. rhein. Schichtsys. Nassau 193. Taf. 22. Fig. 14.
- b. Aus dem Kohlenkalk:
19. *Pleurotomaria gemmulifera* Phill. (65) 62 Taf. 178. Fig. 7.
20. — *Noeggerathi* Gf. (66) 65 Fig. 5.
21. — *Hisingeri* Gf. (68) 63 Fig. 6.
22. — *cingulata* Gf. (66) 63 Fig. 7.
6. — *marginata* Gf. (66) 63 Fig. 8.
7. — *elliptica* Mstr. (67) 63 Fig. 9.
23. — *lineolata* Gf. (67) 64 Fig. 10.
24. — *carinata* Sow. (67) 64 Fig. 11. *Pleurotomaria flammigera* Phillips, Geol. Yorkshire II. 226. Tb. 15. Fig. 2. *Cirrus Sowerbyi* Agassiz in Sowerby Min. Conch. I. 24. Tb. 7. Fig. 4. 5.
25. — *lineata* Gf. (67) 64 Fig. 12.
26. — *naticoides* Kon. (67) 64 Fig. 13.

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27. *Pleurotomaria conica* Phill. (68) 64 Fig. 1.
28. — *Konincki* Gf. (68) 65 Fig. 2.
29. — *Frenoyana* Kon. (68) 65 Fig. 3.
30. — *cincta* Kon. (68) 65 Fig. 4.
31. — *tornatilis* Phill. (69) 65 Fig. 5.
32. — *angulatocanaliculata* Mstr. (69) 65 Fig. 6.
33. — *Goepperti* Gf. (69) 66 Fig. 7.

c. Aus dem Lias:

34. *Pleurotomaria anglica* Sow. (69) 66 Fig. 8. *Trochus anglicus* Quenstedt, Jura 82. Taf. 10. Fig. 9. *Pleurotomaria amalthei* Quenstedt, Jura 191. Taf. 23. Fig. 31—33.
35. — *Escheri* Gf. (70) 66 Fig. 9.
36. — *tuberculatocostata* Mstr. (70) 66 Fig. 10. Schloenbach, geolog. Zeitschrift 1863. XV. 534. *Trochus anglicus* von Strombeck, geolog. Zeitschrift 1851. IV. 65.
37. — *Studerer* Mstr. (70) 67 Fig. 11.

Tafel 185.

38. *Pleurotomaria intermedia* Mstr. (70) 67 Fig. 1. 2. Oppel, Würtemb. Jahreshefte 1856. XII. 379.
39. — *subdecorata* Mstr. (71) 67 Fig. 3. d'Orbigny, Terr. jurass. II. 445. Tb. 364. Fig. 1—6.
40. — *subtilis* Mstr. (71) 67 Fig. 4.
41. — *Quenstedti* Gf. (71) 67 Fig. 5. Quenstedt, Jura 316. Taf. 43. Fig. 27.
42. — *Nerei* Mstr. (71) 68 Fig. 6.
43. — *bicatenata* Mstr. (72) 68 Fig. 7.
44. — *torosa* Mstr. (72) 68 Fig. 8.
45. — *subnodosa* Mstr. (72) 68 Fig. 9. *Pleurotomaria principalis* cf. Nr. 46.

46. *Pleurotomaria principalis* Mstr. (72) 69
Fig. 10.

— *Pleurotomaria princeps* Deslongchamps, Mém. soc. Linn. Normandie VIII. 84. Tb. 11. Fig. 5. — d'Orbigny, Terr. jurass. II. 403. Tb. 349. Fig. 6—9. *Trochus princeps* Koch u. Dunker, Beitr. nordd. Oolithgeb. 26. Taf. 1. Fig. 18.

Pleurotomaria subnodosa Fig. 9.

Pleurotomaria preatoria Deslongchamps, Mém. soc. Linn. Normandie VIII. 84. Tb. 9. Fig. 5.

Tafel 186.

47. *Pleurotomaria rotundata* Mstr. (73) 69
Fig. 1.

Oppel, Würtemb. Jahreshefte 1856. XII. 293.

48. — *zonata* Gf. (73) 69
Fig. 2.

Quenstedt, Jura 289. Taf. 41. Fig. 9.

d. Aus der Juraformation:

49. *Pleurotomaria granulata* Sow. (73) 69
Fig. 3.

— *Pleurotomaria ornata* Quenstedt, Jura 413. Taf. 56. Fig. 13, 14. Taf. 65. Fig. 17, 18.

Pleurotomaria palaemon Oppel, Würtemb. Jahreshefte 1856. XII. 508. — d'Orbigny, Terr. jurass. II. 468. Tb. 300. Fig. 7—11.

50. — *polita* Sow. (74) 70
Fig. 4.

Oppel, Würtemb. Jahreshefte 1856. XII. 212.

51. — *subornata* Mstr. (74) 70
Fig. 5.

52. — *punctata* Sow. (74) 70
Fig. 6.

Quenstedt, Jura 413. Taf. 57. Fig. 8.

53. — *armata* Mstr. (74) 70
Fig. 7.

Quenstedt, Jura 487. Taf. 65. Fig. 21. — d'Orbigny, Terr. jurass. II. 451. Tb. 368, 369.

54. — *clathrata* Mstr. (75) 71
Fig. 8.

Pleurotomaria dentata Deslongchamps, Pleurotom. 37. Tb. 4.

Morris and Lycett, Mollusca Great Oolite I. 79. Tb. 10. Fig. 6. — Quenstedt, Jura 599. Taf. 74. Fig. 22. — d'Orbigny, Terr. jurass. II. 559. Tb. 419. Fig. 6—10.

55. — *Agassizi* Mstr. (75) 71
Fig. 9.

Quenstedt, Jura 774. Taf. 95. Fig. 16. — d'Orbigny, Terr. jurass. II. 572. Tb. 426. Fig. 1—5.

e. Aus der Kreideformation:

56. *Pleurotomaria seriatogranulata* Mstr. (75) 71
Fig. 10.

Pleurotomaria secans d'Orbigny, Terr. crétac. II. 261. Tb. 200. Fig. 1—4. — Reuss, Versteiner. böhm. Kreidegeb. I. 47. Taf. 10. Fig. 8.

Tafel 187.

57. *Pleurotomaria distincta* Duj. (75) 71
Fig. 1.

— *Pleurotomaria linearis* Reuss, Versteiner. böhm. Kreidegeb. I. 17.

Pleurotomaria velata Fig. 2. — *Pl. granulifera* Fig. 3. — *Pl. plana* Fig. 4. — *Pl. disticha* Fig. 5.

Pleurotomaria perspectiva, *formosa*, *Mailleana* d'Orbigny, Terr. crétac. II. 253. Tb. 195, 196, 199. Fig. 1, 2.

Trochus regalis Roemer, Versteiner. nordd. Kreidegeb. 81. Taf. 12. Fig. 7.

58. — *velata* Gf. (76) 71
Fig. 2.

— *Pleurotomaria linearis* cf. Nr. 59.

59. — *granulifera* Mstr. (76) 72
Fig. 3.

— *Pleurotomaria linearis* cf. Nr. 59.

Pleurotomaria velata cf. Fig. 2. — Kner, Haidingers naturwissensch. Abhandlungen III b. 18. Taf. 3. Fig. 12.

60. — *plana* Mstr. (76) 72
Fig. 4.

— *Pleurotomaria linearis* cf. Nr. 59.

61. — *disticha* Mstr. (76) 72
Fig. 5.

— *Pleurotomaria linearis* cf. Nr. 59.

62. — *gigantea* Sow. (77) 72
Fig. 6.

63. — *texta* Mstr. (77) 73
Fig. 7.

Trochus jurensis Roemer, Versteiner. nordd. Oolithgeb. 151. Taf. 10. Fig. 13. *Pleurotomaria* Roemer, Geinitz, Kieslingswalde 10. Taf. 5. Fig. 5. — Reuss, Versteiner. böhm. Kreidegeb. I. 47. Taf. 7. Fig. 18.

Tafel 188.

f. Aus der Tertiärformation:

64. *Pleurotomaria Sismondai* Gf. (77) 73
Fig. 1.

Catanstostoma Sandbrg.

1. *Catantostoma clathratum* Sdb. (78) 73 Sandberger, Versteiner. rhein. Schichtsys. Nassau 206. Taf. 24. Fig. 20.
Fig. 2.

Schizostoma Bronn.

1. *Schizostoma delphinuloides* Schloth. (78) — *Pleurotomaria delphinuloides* Archiac et Verneuil, Transact. geol. soc.
74 Fig. 3. 2 ser. VI. 361. Tb. 33. Fig. 4.
Pleurotomaria delphinulaeformis Sandberger, Versteiner. rhein. Schichtsys.
Nassau 188. Taf. 23. Fig. 1.
2. — *taeniatum* Gf. (79) 74 Fig. 4.
3. — *fasciatum* Gf. (79) 74 Fig. 5.
4. — *vittatum* Gf. (79) 75 Fig. 6.
5. — *costatum* Gf. (79) 75 Fig. 7.
6. — *Puzosi* Mstr. (80) 75 Fig. 8.

Tafel 189.

Euomphalus Sowb.

a. Aus der Grauwackenformation:

1. *Euomphalus discus* Gf. (80) 76 Fig. 1.
2. — *rotula* Gf. (81) 76 Fig. 2. — *Schizostoma rotula*.
3. — *gualterii* Schloth. (81) 76 Fig. 3. Bronn, Lethaea geogn. I. 459. Taf. 2. Fig. 1.
Solarium petropolitanum Pander, Russland 150. Tb. 1. Fig. 3. Tb. 28. Fig. 14.
4. — *Bronni* Gf. (81) 76 Fig. 4.
5. — *trigonalis* Gf. (81) 76 Fig. 5. — *Schizostoma priscum*.
6. — *circinalis* Gf. (82) 77 Fig. 6.
7. — *Wahlenbergi* Gf. (82) 77 Fig. 7.
8. — *planorbis* AV. (82) 77 Fig. 8.
9. — *annulatus* Phill. (82) 77 Fig. 9. Sandberger, Versteiner. rhein. Schichtsys. Nassau 211. Taf. 25. Fig. 4.
10. — *articulatus* Gf. (82) 77 Fig. 10.
11. — *Archiaci* Gf. (83) 78 Fig. 11.
12. — *Labadyei* AV. (83) 78 Fig. 12.
13. — *Schnuri* AV. (83) 78 Fig. 13. *Euomphalus acuticosta* Sandberger, Versteiner. rhein. Schichtsys. Nassau
210. Taf. 25. Fig. 2.
14. — *radiatus* Gf. (83) 78 Fig. 14.
15. — *striatus* Gf. (84) 79 Fig. 15.

Tafel 190.

16. Euomphalus Verneuili Gf. (84) 79 Fig. 1.
 17. — Goldfussi AV. (84) 79 Fig. 2. — *Cirrus spinosus* Sandberger, Versteiner. rhein. Schichtsys. Nassau 208. Taf. 25. Fig. 1.
 18. — spinosus Gf. (85) 80 Fig. 3.
 b. Aus dem Kohlenkalk:
 19. — Eumophalus pugilis Phill. (85) 80 Fig. 4. de Koninck, Anim. foss. carbon. Belgique 422. Tb. 25. Fig. 4.
 20. — bifrons Phill. (85) 80 Fig. 5. — *Euomphalus pugilis*.
 21. — tuberculatus Kon (85) 80 Fig. 6. de Koninck, Anim. carbon. Belgique 436. Tb. 23¹. Fig. 7. Tb. 24. Fig. 12.
 22. — disjunctus Gf. (86) 81 Fig. 7.

Tafel 191.

23. Euomphalus serpula Kon. (86) 81 Fig. 1. Sandberger, Versteiner. rhein. Schichtsys. 214. Taf. 25. Fig. 9. Serpularia centrifuga F. A. Roemer, Versteiner. Harz 31. Taf. 8. Fig. 13.
 24. — vermilia Gf. (86) 81 Fig. 2.
 25. — semiteres Gf. (87) 81 Fig. 3.
 26. — quinquangulatus Sow. (87) 82 Fig. 4. — *Euomphalus pentangulatus* Sowerby, Mineral Conchol. I. 97. Tb. 45. Fig. 1. 2. — Bronn, Lethaea geogn. I. 457 Taf. 2. Fig. 2.
 27. — pentagonalis Phill. (87) 82 Fig. 5. — *Euomphalus acutus* de Koninck, Anim. foss. carbon. Belgique 453. Tb. 24. Fig. 7. — Geinitz, Versteiner. Grauwackform. II. 43. Straparolus acutus d'Orbigny, Pal. stratigr. I. 119.
 28. — catillus Sow. (87) 82 Fig. 6. de Koninck, Anim. foss. carbon. Belgique 427. Tb. 24. Fig. 10. — Bronn, Lethaea geogn. I. 458. Taf. 3. Fig. 10. Euomphalus Schouri Archiac and Verneuil, Transact. geol. soc. London 1842. VIb. 364. Tb. 34. Fig. 7.
 29. — Dionysii Gf. (88) 82 Fig. 7. de Koninck, Anim. foss. carbon. Belgique 438. Tb. 24. Fig. 1—5. — Bronn, Lethaea geogn. I. 457. Taf. 2. Fig. 3. Cirrus rotundatus Archiac and Verneuil, Transact. geol. soc. London 1842. VI. 359.
 30. — serpens Phill. (88) 83 Fig. 8.

Delphinula Lamck.

1. Delphinula Leonhardi AV. (88) 83 Fig. 9.
 2. — funata Gf. (89) 83 Fig. 11. — *Turbo subfunatus* d'Orbigny, Terr. jurass. II. 364. Tb. 337. Fig. 7—11. Thurmman und Etallon, neue schweiz. Denkschriften XVIII. 126. Taf. 11. Fig. 96.
 Pleurotomaria Murchisoni Gf. Fig. 10.

Tafel 192.

3. Delphinula funiculata Phill. (89) 84 Fig. 1. Delphinula funata Quenstedt, Jura 772. Taf. 93. Fig. 1.

Turbo Lamck.

a. Aus der Grauwackenformation:

1. Turbo armatus (89) 84 Fig. 2. Bronn, Lethaea geogn. I. 453. Taf. 3¹. Fig. 15.
 Taf. 195. Fig. 17. Trochus Bouei Steininger, Mém. soc. géol. France 1833. I. Tb. 23. Fig. 4.

- | | | |
|-------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2. Turbo caelatus Gf. (90) 85 | Fig. 3. | Geinitz, Versteiner. Grauwackform. II. 42. Taf. 11. Fig. 10. |
| 3. — striatus Hisg. (90) 85 | Fig. 4. | — <i>Pleurotomaria daleidensis</i> cf. Taf. 182. Fig. 4. |
| 4. — semicostatus Gf. (90) 85 | Fig. 5. | |
| 5. — squamiferus AV. (91) 85 | Taf. 178. Fig. 5 | Sandberger, Versteiner. rhein. Schichtsys. Nassau 216. Taf. 25. Fig. 12. |
| Natica Roemeri Gf. | Fig. 6. | |
| 6. Turbo linteatus Gf. (91) 86 | Fig. 7. | |
| 7. — Dannenbergi Gf. (91) 86 | Fig. 8. | |
| 8. — senilis Mstr. (91) 86 | Fig. 9. | |
| 9. — ellipticus Mstr. (91) 86 | Fig. 10. | |
| 10. — plicatilis Mstr. (92) 86 | Fig. 11. | |
| b. Aus dem Kohlenkalk: | | |
| 11. Turbo canaliculatus Gf. (92) 87 | Fig. 12. | |
| 12. — biserialis Phill. (92) 87 | Fig. 13. | — <i>Litorina biserialis</i> de Koninck, Anim. foss. carbon. Belgique 458. Tb. 40. Fig. 6.
Natica lirata G. Sandberger, Jahrb. f. Mineral. 1842. 400.
Turbo semisulcatus Morris, Catal. brit. foss. 165. |
| c. Aus dem Zechstein: | | |
| 13. Turbo Meyeri Mstr. (92) 87 | Fig. 14. | — <i>Turbo helycinus</i> Schloth. King, Permian Fossils 204. Tb. 16. Fig. 21. 22.
Turbo minutus Brown, Fossil Conchology 74. Tb. 37. Fig. 17. 18.
Trochus helycinus Verneul, Bullet. geol. soc. France 1844. 2 ser. I. 35. |
| Tafel 193. | | |
| d. Aus dem Muschelkalk: | | |
| 14. Turbo Menkei Mstr. (93) 87 | Fig. 1. | |
| 15. — helicitis Mstr. (93) 87 | Fig. 2. | — <i>Natica Gaillardoti</i> cf. Taf. 199. Fig. 7. |
| 16. — gregarius Schloth. (93) 87 | Fig. 3. | |
| 17. — Hausmanni Gf. (93) 88 | Fig. 4. | — <i>Pleurotomaria Hausmanni</i> Giebel, Versteiner. Muschelkalk Lieskau 58. Taf. 7. Fig. 6. |
| e. Aus dem Lias: | | |
| 18. Turbo nudus Mstr. (93) 88 | Fig. 5. | Schloenbach, geolog. Zeitschrift 1863. XV. 531. |
| 19. — paludinarium Mstr. (94) 88 | Fig. 6. | |
| 20. — cyclostoma Ziet. (94) 88 | Fig. 7. | Turbo paludinaeformis Oppel, Würtemb. Jahresh. 1856. XII. 291.
Turbo litorinaeformis und cyclostomoides Koch u. Dunker, Beitr. nordd. Oolithgeb. 27. Taf. 1. Fig. 13. 16. |
| 21. — semiornatus Mstr. (94) 88 | Fig. 8. | |
| 22. — venustus Mstr. (94) 88 | Fig. 9. | |
| 23. — elegans Mstr. (94) 89 | Fig. 10. | |
| 24. — Dunkeri Gf. (95) 89 | Fig. 11. | Quenstedt, Jura 195. Taf. 24. Fig. 13. |
| 25. — canalis Mstr. (95) 89 | Fig. 12. | Quenstedt, Jura 155. Taf. 19. Fig. 32. 33. |
| 26. — Theodoris Gf. (95) 89 | Taf. 179. Fig. 1. | |
| 27. — duplicatus Sow. (95) 89 | Taf. 179. Fig. 2. | |
| 28. — plicatus Gf. (96) 90 | Taf. 179. Fig. 3. | — <i>Turbo subduplicatus</i> d'Orbigny, Terr. jurass. II. 339. Tb. 329. Fig. 1—6. |
| 29. — senator Mstr. (96) 90 | Taf. 179. Fig. 5. | |

30. Turbo metis Mstr. (96) 90 Fig. 13.
 31. — Escheri Mstr. (96) 90 Fig. 14.
 32. — Kochi Mstr. (96) 91 Fig. 15.

e. Aus der Juraformation:

33. Turbo Meriani Gf. (97) 91 Fig. 16.
 Turbo armatus Gf. Fig. 17.

Schloenbach, geol. Zeitschrift 1863. XV. 531.

— *Litorina Meriani* Bronn, Lethaea geogn. IV. 289. Taf. 21. Fig. 4.
 Turbo oxfordiensis d'Orbigny, MKV. Russia II. 450. — Turbo Meriani
 d'Orbigny, Terr. jurass. II. 355. Tb. 335. Fig. 1—5.

Tafel 194.

34. Turbo capitaneus Mstr. (97) 91 Fig. 1.
 35. — ornatus Sow. (97) 91 Fig. 2.
 36. — spinulosus Mstr. (98) 92 Fig. 3.
 37. — generalis Mstr. (98) 92 Fig. 4.
 38. — subangulatus Mstr. (98) 92 Fig. 5.
 39. — terebratus Mstr. (98) 92 Fig. 6.
 40. — centurio Mstr. (98) 92 Fig. 7.
 41. — practor Gf. (99) 93 Fig. 8.
 42. — aedilis Mstr. (99) 93 Fig. 9.
 43. — Murchisoni Mstr. (99) 93 Fig. 10.
 44. — augur Gf. (99) 93 Fig. 11.
 45. — decussatus Mstr. (99) 93 Fig. 12.
 46. — anchurus Mstr. (100) 94 Fig. 13.

Morris and Lycett, Mollusca Great Oolite I. 65. Tb. 9. Fig. 33.—Quenstedt,
 Jura 314. Taf. 43. Fig. 21. — d'Orbigny, Terr. jurass. II. 341. Tb. 329.
 Fig. 1—8.

— *Litorina ornata* Morris.
 Quenstedt, Jura 416. Taf. 57. Fig. 11.—13.

Quenstedt, Jura 314. Taf. 43. Fig. 20.
Purpurina subangulata Oppel, Würtemb. Jahreshefte 1856. XII. 506.
Purpurina patroclus d'Orbigny, Terr. jurass. Tb. 329. Fig. 9—11.

? Turbo ranellatus² juv. Quenstedt, Jura 773. Taf. 95. Fig. 6.

Tafel 195.

47. Turbo tegulatus Mstr. (100) 94 Fig. 1.
 48. — princeps Roem. (100) 94 Fig. 2.

Quenstedt, Jura 772. Taf. 95. Fig. 5. — d'Orbigny, Terr. jurass. II. 360.
 Tb. 336. Fig. 9—11. — Thurmann und Etallon, neue schweiz. Denk-
 schriften XVIII. 124. Taf. 11. Fig. 92.
Trochus Humbertanus u. *acuticarina* Buvignier, Statist. géol. Meuse 38.
 Tb. 25. Fig. 17. 18. 31. 32.

f. Aus der Tertiärformation:

49. Turbo pustulosus Mstr. (101) 94 Fig. 3.

Monodonta Lamck.

1. Monodonta purpura AV. (101) 95 Fig. 4.
 2. — laevigata Mstr. (101) 95 Fig. 5.
 3. — ornata Mstr. (101) 95 Fig. 6.

— *Litorina purpura* Sandberger, Versteiner. rhein. Schichtsys. Nassau
 221. Taf. 25. Fig. 17—19.

? Monodonta Labadyei Archiac, Mém. soc. géol. France 1843. III. 379.
 Tb. 29. Fig. 2.

Trochus quinquecinctus Quenstedt, Jura 774. Taf. 95. Fig. 18—20.

Ditremaria quinquecincta d'Orbigny, Terr. jurass. II. 391. Tb. 345. Fig. 1—5.
 — Etallon, Etudes pal. Haut Jura II. 91.

Trochotoma quinquecincta Buvignier, Statist. géol. 39. Tb. 25. Fig. 5—7.
Trochus quinquecinctus v. Zieten, Versteiner. Würtemb. Taf. 35. Fig. 2.

Rotella Lamck.1. *Rotella heliciformis* Gf. (102) 96 Fig. 7.2. — *expansa* Sow. (102) 96 Fig. 8. 9.

— *Pleurotomaria expansa* d'Orbigny, Terr. jurass. II. 413. Tb. 352. Fig. 1—4.
 — Bronn, Lethaea geogn. IV. 303. Taf. 21. Fig. 2. — Stoliczka, Wiener Sitzungsberichte 1861. XLIII. 185.
Helix expansa Roemer, Versteiner. nordd. Oolithgeb. 161. — Quenstedt, Jura 193. Taf. 24. Fig. 19. Taf. 23. Fig. 34.
Pleurotomaria suturalis Deslongchamps, Mém. Calvados 1848. IX. 147. Tb. 17. Fig. 3.
 Sowerby, Mineral Conch. Tb. 285.
Turbo callosus Deshayes, Coq. caract. 189. Tb. 4. Fig. 5. 6.

Turritella Lamck.

a. Aus der Grauwackenformation:

1. *Turritella cancellata* (103) 96 Fig. 10.2. — *absoluta* Gf. (103) 96 Fig. 11.3. — *grandaeva* Gf. (103) 97 Fig. 12.*Tafel* 196.4. *Turritella moniliformis* Gf. (103) 97 Fig. 1.5. — *Ponti* Gf. (103) 97 Fig. 2.6. — *biangulata* Mstr. (104) 97 Fig. 3.

b. Aus dem Kohlenkalk:

7. *Turritella tenuis* (104) 97 Fig. 4.8. — *Koninckana* Gf. (104) 98 Fig. 5.9. — *turbinatoconica* Mstr. (104) 98 Fig. 6.10. — *gracilis* Gf. (104) 98 Fig. 7.

c. Aus dem Lias:

11. *Turritella Hartmannana* Mstr. (105) 98 Fig. 8.12. — *inaequicincta* Mstr. (105) 98 Fig. 9.13. — *bimarginata* Mstr. (105) 98 Fig. 10.14. — *tricincta* Mstr. (105) 99 Fig. 11.15. — *septemcincta* Mstr. (105) 99 Fig. 12.16. — *nuda* Mstr. (106) 99 Fig. 13.*Chemnitzia nuda* Oppel, Würtemb. Jahreshefte 1856. XII. 289.

d. Aus dem Muschelkalk:

17. *Turritella oblitterata* Gf. (106) 99 Fig. 14.

— *Turbonilla scalata* Bronn, Lethaea geogn. III. 77. Taf. 11. Fig. 14. — Giebel, Versteiner. Muschelkalk Lieskau 62. Taf. 7. Fig. 1.
Turritella scalata v. Strombeck, geolog. Zeitschrift 1849. I. 181.
Rissoa scalata v. Schaubert, geolog. Zeitschrift 1857. IX. 139.

e. Aus der Kreideformation:

18. *Turritella Neptuni* Mstr. (106) 99 Fig. 15.*Archiac*, Mém. soc. géol. France II. 2. Tb. 25. Fig. 2.

19. *Turritella quadricincta* Gf. (106) 100 Fig. 16. 17 c. *Turritella multistriata* Reuss, Versteiner. böhm. Kreidegeb. II. 51. Taf. 10. Fig. 17. Taf. 11. Fig. 16.
Turritella Hagenovana Taf. 197. Fig. 5. — *T. velata* Taf. 197. Fig. 6. — *T. sexcincta* Taf. 197. Fig. 2.
Turritella granulata n. *T. propinqua* Geinitz, Character. sächs. Kreidegeb. 45. Taf. 15. Fig. 9. 12.
Turritella difficilis Zekeli, Gasteropoden Gosau. 23. Taf. 1. Fig. 3.
20. — *quinquecincta* Gf. (106) 100 Fig. 17 a. b. — *Turritella nodosa* Roemer, Versteiner. nordd. Kreidegeb. 80. Taf. 11. Fig. 20.
Turritella Noeggerathana Taf. 197. Fig. 1.
Binkhorst, Gasterop. Cephalop. de la craie supér. Limbourg 29. Tb. 1. Fig. 2.

Tafel 197.

21. *Turritella Noeggerathana* Gf. (107) 100 Fig. 1. — *Turritella nodosa* cf. Nr. 20.
22. — *sexcincta* Gf. (107) 100 Fig. 2. — *Turritella quadricincta* cf. Taf. 196. Fig. 19.
Turritella sexlineata Roemer, Versteiner. nordd. Kreidegeb. 80. Taf. 11. Fig. 22.
23. — *Dechenana* Gf. (107) 100 Fig. 3.
24. — *Eichwaldana* Gf. (107) 101 Fig. 4. Zekeli, Gasteropoden Gosaugeb. 22. Taf. 1. Fig. 2.
25. — *Hagenovana* Mstr. (108) 101 Fig. 5. — *Turritella quadricincta* cf. Nr. 19.
26. — *velata* Mstr. (108) 101 Fig. 6. — *Turritella quadricincta* cf. Nr. 19.
27. — *Buchana* Gf. (108) 101 Fig. 7.
28. — *biformis* Sow. (108) 101 Fig. 8. Stoliczka, Wiener Sitzungsberichte LII. 8.
29. — *rigida* Sow. (109) 102 Fig. 9. Zekeli, Gasteropoden Gosaugeb. 22. Taf. 1. Fig. 1.
30. — *Fittonana* Mstr. (109) 102 Fig. 10. Zekeli, Gasteropoden Gosau 24. Taf. 1. Fig. 7.

Melania Lamck.

a. Aus der Grauwackenformation:

1. *Melania subangulata* Gf. (278) 266 Fig. 11.
2. — *deperdita* Gf. (109) 102 Fig. 12.
3. — *absoluta* Gf. (110) 103 Fig. 13. — *Turbonilla absoluta*.
4. — *antiqua* Gf. (110) 103 Fig. 14. — *Turbonilla antiqua*.
5. — *Kaupi* Gf. (110) 103 Fig. 15. — *Loxonema costatum* Sandberger, Versteiner. rhein. Schichtsys. Nassau 230. Taf. 26. Fig. 11.
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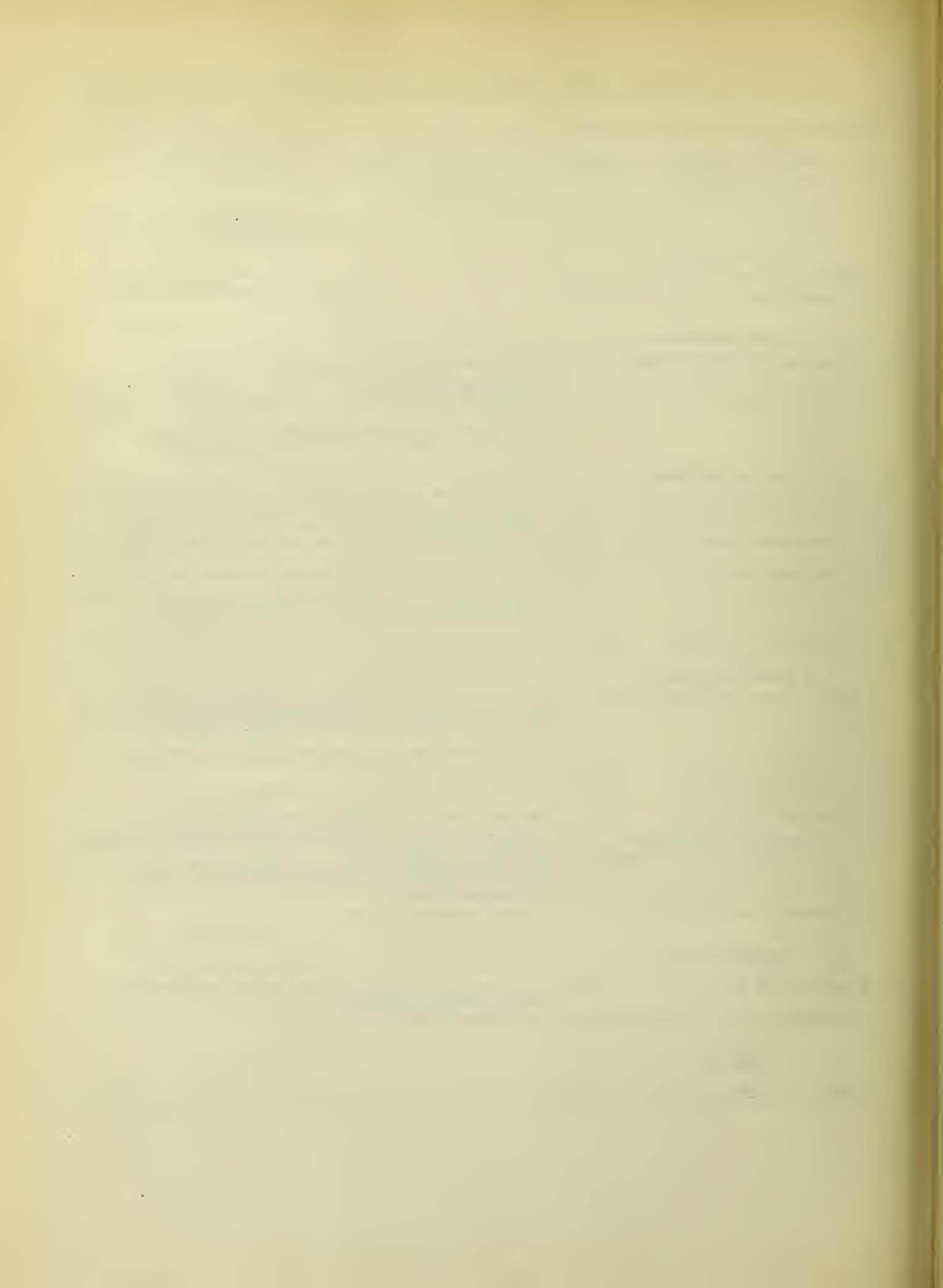
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- granulosa Desor 49.5.

Crania

- ignabergensis Retz 162.10.

Crassina

- incrassata Desh. 135.2.

Crenaster

- priscus Opp. 64.1.

Crenatula

- substriata Q. 115.1.

Cribricoelia

- empleura Et. 32.1.
obliqua Et. 3.5.
reticulata Et. 4.1.
striata Et. 32.3.
texata Et. 2.12.

Cribroscaphia

- polyommata d'Orb. 2.16.

Cribrospongia

- polyommata From. 2.16.
Schweiggeri d'Orb. 33.6.

Cricopora

- verticillata Mich. 11.1.

Cryptocoenia

- alveolata d'Orb. 22.3.
limbata d'Orb. 8.7.
rotula d'Orb. 24.1.

Ctenocrinus

- typus Bronn 58.7.

Cucullaea

- carinata d'Orb. 124.2.
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oblonga Q. 123.2.
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Cucullela

- cultrata Sdb. 124.9.
prisca Sdb. 124.7.
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- patella From. 35.2.

Cupulocoenia

- rugosa Et. 32.2.

Cupulospongia

- acetabulum d'Orb. 5.9.
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Nauckana Reuss 37,20.

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corbierica Mich. 14,9.
discoidea Mich. 14,4.
discoidea M. Edw. 14,9.
elliptica Lamck 14,6.
elliptica Mich. 14,6.
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porpita Blainv. 14,4.
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Cyphosoma

Milleri Ag. 40,9.
ornatissimum Ag. 40,9.

Cypricardia

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cucullata Opp. 143,11.
rostrata Morr. 140,12.

Cyprina

Brongniarti Pict. 150,12.
caudata Et. 150,16.
islandica Wood 148,5.
jurensis Morr. 150,17.
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Münsteri Et. 150,11.
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Cyrena

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Michellini Hag. 11,12.
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jurensis Bronn 168,11.
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Dendrophyllia

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Dentipora

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Diadema

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diluviana M. Edw. 12,2.
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Dictyonocoelia

Schweiggeri Et. 33,6.

Dictyophyllia

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Diplohelina

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Diphyphyllum

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Discina

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Discoidea

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minima Ag. 41,2.
speciosa Ag. 41,5.
subuculus Desor 41,2.

Discophyllum

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crustulenta M. Edw. 9,6.
dentata M. Edw. 9,5.
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ornata M. Edw. 9,1.
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Echinocyamus

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occitanus Ag. 42,11.
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Echinolampas

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Enallohelina

compressa M. Edw. 37,11.
elegans M. Edw. 37,10.

Encrinus

dubius Bronn 53,6.
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Epitheles

hemisphaerica From. 6,12.

Eschara

andegavensis Mich. 36,13.
bipunctata Hag. 9,7.

Eschara

- costata M. Edw. 8,10.
 crustulenta Blainv. 9,6.
 dubia M. Edw. 8,12.
 rhombifera Reuss 36,6.
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Escharina

- impressa Reuss 12,3.

Escharites

- gracilis Hag. 10,11.

Estheria

- minuta Jones 113,5.

Eunomia

- dichotoma d'Orb. 13,3.
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Euomphalus

- acuticosta Sdb. 189,13.
 acutus Kon. 191,5.
 pentangulatus Swb. 191,4.
 Schnuri Arch. 191,6.

Exogyra

- angustata Bronn 86,3.
 lateralis Reuss 82,1.
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 plicatula Lamck 86,10.
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Explanaria

- astroites Reuss 24,12.

Favastraea

- alveolata Blainv. 18,6.
 helianthoides Blainv. 20,2.
 hexagona Blainv. 20,1.
 hypocrateriforme Blainv. 17,1.
 manon Blainv. 1,11.
 pentagona Blainv. 19,3.
 quadrigeminata Blainv. 18,6.
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Favia

- caryophylloides M. Edw. 22,7.
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Favistella

- stellata Hall 24,7.

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- alveolaris M. Edw. 26,1.
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- Forbesi M. Edw. 26,4.
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 polymorpha M. Edw. 27,2.
 prismaticus Stein. 26,1.
 quadrigemina Blainv. 18,6.
 reticulata M. Edw. 28,2.
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 subbasaltica d'Orb. 26,3.
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Fenestella

- antiqua Keyserl. 9,10.
 antiqua Lonsd. 36,3.
 infundibuliformis Roem. 36,2.
 prisca Lonsd. 36,19.
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Fibularia

- subglobosa Desor 42,9.

Fistulana

- amphisbaena Gein. 70,16.

Flabellum

- avicula Mich. 15,9. 37,17.
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Funginella

- discoidea d'Orb. 14,9.
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Fusus

- carinatus Gein. 172,11.
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Galerites

- abbreviatus Lk. 40,20.
 oblongus Desor 40,21.
 truncatus Desor 40,20.
 vulgaris Lk. 40,19.

Geoporites

- placenta d'Orb. 9,18.

Gervillia

- Albertii Credn. 116,9.
 acuta Swb. 115,9.
 aviculoides d'Orb. 115,10.
 consobrina Opp. 115,9.
 costata Credn. 117,3.
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Gervillia

- Kimmeridgensis d'Orb. 115,8.
 mytiloides Seeb. 116,9.
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 socialis Credn. 117,2.
 subcostata Credn. 117,5.
 subglobosa Credn. 117,2.
 tetragona Roem. 115,8.
 Zieteni d'Orb. 115,7.

Glyphocyphus

- pusillus Desor 40,14.
 radiatus Desor 40,13.

Glypticus

- hieroglyphicus Brgn. 40,17.
 sulcatus Desor 40,18.

Goniaster

- jurensis 63,6.
 quinquelobatus Ag. 63,5.

Goniocyphia

- striata From. 32,3.

Goniospongia

- striata d'Orb. 32,3.

Goniomya

- anaglyptica Ag. 154,7.
 consignata Roem. 154,13.
 designata Ag. 154,13.
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 rhombifera Ag. 154,11.
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 Vscripta Ag. 154,6.

Gresslya

- complanata Seeb. 152,10.
 donaciformis Seeb. 152,13.
 excentrica Et. 140,6.
 latirostris Ag. 152,10.
 lunulata Ag. 152,10.
 ovata Ag. 152,10.
 striata Et. 140,4.
 ventricosa Seeb. 152,10.

Gryphaea

- harpa Forb. 87,5.
 latissima Lk. 87,3.
 Maccullochi Swb. 84,1.
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 ovalis Ziet. 84,1.
 sinuata Swb. 87,3.
 vesicularis Bronn 81,2.

Halysites

- attenuata Fisch. 25,5.
 catenularia M. Edw. 25,5.
 catenulata Keyserl. 25,4.
 dichotoma Fisch. 25,5.
 escharoides M. Edw. 25,4.
 Jacowickisi Fisch. 25,4.
 microstoma Fisch. 25,5.
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Haplocrinus

- mespiliformis Bronn 64,6.
 sphaeroideus Stein. 64,6.

Harmodytes

- anglica d'Orb. 38,16.
 caespitosa d'Orb. 25,9.
 filiformis d'Orb. 38,16.
 irregularis d'Orb. 38,16.
 ramulosus Keyserl. 25,7.
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 verticillata d'Orb. 25,6.

Heleion

- papyracea d'Orb. 167,8.

Heliastrea

- Ellisana d'Orb. 24,10.
 Ellisi From. 24,12.
 Riemsdycki M. Edw. 23,9.
 rotula M. Edw. 24,1.

Heliolithes

- interstinctus Roem. 38,16.
 placenta M. Edw. 9,18.
 porosa M. Edw. 21,7.

Heliopora

- piriformis Blainv. 21,7.

Helix

- expansa Roem. 195,9.

Hellia

- Nengillyi M. Edw. 15,12.

Hemiaster

- acuminatus Desor 49,2.
 amygdala d'Orb. 48,3.
 bucardium d'Orb. 49,1.
 Bucklandi d'Orb. 47,6.
 bufo Desor 47,7.
 lacunosus d'Orb. 49,3.
 nucula d'Orb. 48,2.
 prunella Desor 48,2.
 suborbicularis Desor 47,5.

Hemicidaris

- crenularis Ag. 40,6.
 luciensis d'Orb. 40,4.

Hemipatagus

- Hoffmanni Desor 47,3.

Hemipneustes

- radiatus Ag. 46,3.

Heteropora

- anomala Blainv. 10,3.
 anomalopora Reuss 10,15.
 clavata Busk 10,15.
 crassata Hag. 10,5.
 cryptopora Blainv. 10,3.
 dichotoma Hag. 10,9.
 reticulata Busk 10,9.
 tenera Hag. 10,3.

Hexacerinus

- echinatus Sdb. 58,7.

Himmites

- abjectus Opp. 105,2.
 comptus Gieb. 72,6.
 sinuosus Desh. 94,6.
 velatus Morr. 90,2. 105,4.

Hippalimus

- Bronni d'Orb. 33,9.
 conoidea d'Orb. 2,4.
 elegans d'Orb. 2,5.

Hippurites

- organisans Dem. 165,3.

Holaster

- aequalis Portl. 45,3.
 albus Ag. 45,4.
 carinatus Ag. 45,3.
 carinatus d'Orb. 45,6.
 complanatus Ag. 46,2.
 Hardyi Dub. 46,1.
 sandoz Ag. 45,6.
 striatoradiatus d'Orb. 46,3.
 subglobosus Ag. 45,4.
 suborbicularis Ag. 45,5.
 truncatus Ag. 47,1.

Holactypus

- depressus Bronn 41,3.
 speciosus Desor 41,5.
 striatus d'Orb. 41,3.

Hyboclypus

- canaliculatus Desor 49,8.

Janira

- aequieostata d'Orb. 92,6.
 Dutemplei d'Orb. 93,2.
 quadricostata d'Orb. 93,1.
 quinquecostata d'Orb. 93,1.
 striatoecostata d'Orb. 93,2.

Idmonea

- cancellata Reuss 36,17.
 clathrata Hag. 9,12.
 disticha Reuss 9,15.
 dorsata Hag. 9,15.
 geniculata Hag. 9,12.
 lichenoides Hag. 9,13.
 lincata Hag. 9,15.

Idmonea

- psendodisticha Hag. 9,15.
 truncata Blainv. 9,14.

Jerea

- excavata d'Orb. 6,9.

Inoceramus

- euneiformis d'Orb. 112,2.
 ellipticus Roem. 115,4.
 Fittoni Morr. 115,4.
 Goldfussanus d'Orb. 112,4.
 Lamareki Mant. 112,2.
 polyplocus Roem. 109,1.
 problematius d'Orb. 113,5.
 tegulatus Gein. 112,2.
 tennis Roem. 112,5.
 undulatus Mant. 112,2.
 ventricosus Opp. 109,4.

Inversaria

- milleporacea Hag. 10,10.
 tubiporacea Hag. 10,13.

Isaster

- amygdala Desor 48,3.

Isastraea

- angulosa M. Edw. 23,7.
 crassa M. Edw. 12,13.
 explanata M. Edw. 38,14.
 Goldfussana M. Edw. 22,4.
 helianthoides M. Edw. 22,4.

Isis

- Seillana Defr. 7,17.

Isisina

- melitensis d'Orb. 7,17.

Isosarea

- cordiformis Q. 126,1.
 subspirata Mstr. 140,9.
 texata Mstr. 126,1.
 transversa Q. 140,8.

Isocardia

- caclata Sdb. 140,2.
 Conradi d'Orb. 141,2.
 crassa Nyst 141,2.
 cyprinoides Braun 141,2.
 longirostris Roem. 141,1.
 lunulata Nyst 141,2.
 Markoei Conr. 141,2.
 minima Z. 140,10.
 obovata Roem. 140,4.
 orbicularis Roem. 140,4.
 rustica Conr. 141,2.
 sublineata Et. 140,14.
 tetragona Roem. 140,4.
 trigona Roem. 141,1.

Latomacandra

- agaricites Reuss 38,2.
 plicata M. Edw. 13,5.
 Soemmeringi M. Edw. 38,1.

Latomacandrina

- plicata M. Edw. 22,5.

Latusastraea

- alveolaris d'Orb. 38,6.

Leda

- Aeaste d'Orb. 125,10.
 Diana Opp. 125,9.
 Doris d'Orb. 125,11.
 laeryma Morr. 115,16.
 minuta d'Orb. 125,22.
 rostralis Bronn 125,8.
 subminuta d'Orb. 125,22.
 subovalis Opp. 125,4.

Lenita

- patellaris Desor 43,5.
 patelloides Forb. 43,5.

Lepralia

- annulata Reuss 36,11.
 gracilis Reuss 36,13.
 Morrisana Busk 36,12.
 tristoma Reuss 36,12.
 urecolaris Reuss 9,2.

Lima

- aeiculata Et. 101,5.
 aeiculata Roem. 102,2.
 Dujardini d'Orb. 103,3.
 Dunkeri Hag. 104,4.
 edula d'Orb. 101,1.
 elongata Reuss 104,2.
 frondosa Duj. 104,7.
 grandis Roem. 102,3.
 helvetica Opp. 102,10.
 muricata Roem. 103,5.
 Nilsoni Roem. 104,8.
 notata Z. 90,5.
 peetiniiformis Bronn 103,2.
 pseudocardium Reuss 106,2.
 punctata Roem. 101,1.
 punctatula Roem. 101,1.
 rudis Swb. 103,2.
 subsemilunaris d'Orb. 102,2.
 tumida Roem. 102,2.

Linnorea

- hemisphaerica d'Orb. 6,12.
 sphaerica Mich. 29,8.

Limopsis

- anomala Hoern. 126,11.
 aurita Sassi 126,14.
 Goldfussi Sdb. 127,1.
 pygmaea Sism. 126,11.

Litharaea

- ameliana M. Edw. 24,3.

Lithostrotion

- ananas d'Orb. 19,4.
 antiquum M. Edw. 13,4.
 caespitosum Sdb. 13,4.
 laeve M. Edw. 24,8.
 pentagonum d'Orb. 19,3.
 quadrigeminum d'Orb. 18,6.

Litorina

- biserialis Kon. 192,13.
 Meriani Bronn 193,16.
 ornata Morr. 194,2.
 purpura Sdb. 115,4.

Lobophyllia

- parisiensis Mich. 13,7.

Lobopsammia

- cariosa M. Edw. 13,7.

Loxonema

- costatum Sdb. 197,15.
 Hennathriana Phill. 197,15.
 sulculosa Morr. 198,8.

Lucina

- aliena Seeb. 134,21.
 circularis Gein. 146,16.
 crenulata Wood 147,1.
 decorata Wood 147,3.
 Dufrenoyi Arch. 146,6.
 elegans K. D. 146,10.
 Goldfussi Desh. 146,14.
 Heberti Desh. 147,4.
 hiatelloides Mich. 135,9.
 lens Roem. 146,16.
 lyrata Ziet. 146,10.
 nivea Eichw. 147,1.
 ornata Ag. 146,18.
 pulchella Ag. 146,18.
 Reichi Roem. 146,16.
 spinifera Mtg. 135,9.
 tenuistria Heb. 146,19.

Lunulites

- conica Defr. 12,7.
 intermedia Mich. 37,7.
 umbellata Defr. 37,7.

Lyonsia

- latirostris d'Orb. 152,10.

Lyriodon

- Bronni Bronn 136,6.

Lutaria

- crassidens Lk. 153,8.

Macrocheilus

- areolatus Phill. 172,15.
 ventricosus Sdb. 198,14.

Macrodon

- hirsonensis Arch. 123,9.
striatum Kirkb. 1:2,8.

Maetra

- ovata d'Orb. 150,13.
Saussurei d'Orb. 150,12.
trigona Z. 135,11.
Zwingeri Et. 150,10.

Mactromya

- rugosa Ag. 153,5.

Madrepora

- Solanderi Defr. 8,8
sublaevis Mich. 8,6.

Magnosia

- nodulosa Desor 40,16.

Mamillopora

- protogaea Bronn 20,4.

Marginaria

- bipunctata Roem. 9,7.
elliptica Reuss 9,7.
velamen Reuss 9,4.

Meecynodon

- auriculatum Keferst. 133,1.
carinatum Keferst. 132,9.
oblongum Keferst. 133,4.

Melania

- attenuata Dkr. 174,1.
lineata Roem. 198,11.
strombiformis Dkr. 173,6.

Melanopsis

- tricarinata Swb. 173,6.

Meliceritites

- gracilis Roem. 10,11.

Melocrinus

- cingulatus Gein. 59,7.

Membranipora

- antiqua Blainv. 9,8.
bipunctata Blainv. 9,7.
dentata 9,5.

Metaporinus

- Münsteri Desor 46,6.

Michelinia

- favosa Kon. 1,11.

Micrabacia

- coronula M. Edw. 14,10.

Micraster

- armatus Ag. 48,6.
cor anguinum Ag. 48,5.
cordatus Ag. 48,4.
gibbus Ag. 48,4.

Microphyllia

- Soemmeringi d'Orb. 38,1.

Microsolena

- granulata M. Edw. 38,4.

Millepora

- lobata Roem. 30,11.
repens His. 28,4.

Millerierinus

- aculeatus d'Orb. 60,7.
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